

## SECTION 4

## EC CERTIFICATION

## 1 General

## 1.1 Definition

**1.1.1** All yachts put on the European Community (EC) market, and in a given hull length range (2,5 m to 24 m), are requested to be certified against harmonized EC directive.

Exception is made for yachts that are chartered (granted with a service notation **charter yacht** for Classification purpose), that do not fall within the scope of the EC Directive.

Note 1: Refer to EC directive 2003/44, as amended.

**1.1.2** Bureau Veritas, acting as Notified Body (NB n° 0062), is empowered to perform such certification, on behalf of EC.

## 1.2 Application

**1.2.1** For yachts having a hull length  $L_h$  greater than or equal to 12 m but not greater than 24 m, the design review requested by the EC directive is to be performed with referentials as specified in Tab 1.

Note 1: The definition of the hull length  $L_h$  is given in EN ISO standard 8666:2002. This definition is also reminded in Ch 2, Sec 1, [2.2.1].

**1.2.2** For yachts having a hull length  $L_h$  greater than or equal to 2,5 m but not greater than 12 m, the certification is based on EC directive as only referential.

**1.2.3** Yachts granted with Classification will be only partly considered as EC directive compliant.

Full compliance with EC directive will request additional safety requirements to be checked by the Society.

The safety requirements of EC Directive versus requirements of Class are shown in Tab 1.

Table 1 : Safety requirements of EC Directive

| Req. n°  | Subject (1)  | Referential to be used (2) for |         |            |
|----------|--|--------------------------------|---------|------------|
|          |  | Class only                     | EC only | Class + EC |
| <b>2</b> | <b>GENERAL REQUIREMENTS</b>  |                                |         |            |
| 2.1      | Hull Identification Number (HIN)   | NA                             | B       | B          |
| 2.2      | Builder's plate  | NA                             | B       | B          |
| 2.3      | Protection from falling overboard and means of reboarding  | NA                             | B       | B          |
| 2.4      | Visibility from the main steering position   | NA                             | B       | B          |
| 2.5      | Owner's manual   | NA                             | B       | B          |
| <b>3</b> | <b>INTEGRITY AND STRUCTURAL REQUIREMENTS</b>   |                                |         |            |
| 3.1      | Structure  | A                              | A (3)   | A          |
| 3.2      | Stability and freeboard  | A                              | B       | C          |
|          | Subdivision and collision bulk-head  | A                              | B       | A          |
| 3.3      | Buoyancy and flotation   | A                              | A       | A          |
| 3.4      | Openings in hull, deck and superstructure  | A                              | B       | A          |
| 3.5      | Flooding   | A                              | B       | A          |
| 3.6      | Manufacturer's maximum recommended load  | NA                             | B       | B          |
| 3.7      | Liferaft stowage   | NA                             | B       | B          |
| 3.8      | Escape   | A                              | B       | C          |
| 3.9      | Anchoring, mooring and towing  | A                              | NA      | A          |
| <b>4</b> | <b>HANDLING CHARACTERISTICS</b>  |                                |         |            |
| 4.1      | Sea trials   | A                              | B       | C          |
| <b>5</b> | <b>INSTALLATION REQUIREMENTS</b>   |                                |         |            |
| 5.1      | Engines and engine spaces  | A                              | B       | A          |
| 5.2      | Fuel system  | A                              | B       | A          |
| 5.3      | Electrical system  | A                              | B       | A          |
| 5.4      | Steering system  | A                              | B       | C          |
| 5.5      | Gas system   | NA                             | B       | B          |
| 5.6      | Fire protection  | A                              | B       | A          |
| 5.7      | Navigation lights  | A                              | B       | A          |
| 5.8      | Discharge prevention   | NA                             | B       | B          |
| (1)      | The table is based on EC Directive 94/25   |                                |         |            |
| (2)      | Identification of referentials:<br>NA = Not applicable<br>A = BV Rules<br>B = EC Directive<br>C = BV Rules + EC directive  |                                |         |            |
| (3)      | Design categories defined by EC directive are taken into consideration through loads reduction factors, so-called navigation coefficients, defined in Pt B, Ch 4, Sec 2. |                                |         |            |