

SHIPPING NOTICE 01/2022

YACHTS OF LESS THAN 500GT

Certification of Man Riding Rescue Boat Launching Appliances for compliance with Part A of the REG Yacht Code.

To: OWNERS, MANAGERS, MASTERS, RECOGNIZED ORGANIZATIONS and RESCUE BOAT LAUNCHING APPLIANCE MANUFACTURERS.

1. BACKGROUND AND IMPLEMENTATION:

- 1.1 This Shipping Notice has been published to provide those individuals involved in the Design, Construction, Survey, Certification and Operation of Rescue Boat Launching Appliances with clarification regarding exactly what constitutes “original approved manufacturers certification or that from a Recognised Organisation” as required for the purpose of compliance with Part A, Chapter 13, Section 13.4 (3) (c) (ii) of the Red Ensign Group (REG) Yacht Code. This Shipping Notice is not applicable to those appliances, which are fully compliant with the applicable requirements of Chapter VI, Section 6.1 of the IMO’s Life Saving Appliances Code and certificated as such by a Recognized Organization* (RO) or Notified Body.
- 1.2 This Shipping Notice applies to launching appliances, the contract for the construction of which was signed after 31 March 2022. Early implementation is however strongly encouraged. Furthermore, any certification issued in the interim period should explicitly state that the launching appliance is fully compliant with REG Yacht Code requirements and include a statement confirming that it is suitable for man-riding in accordance with the requirements of Part A, Chapter 13, Section 13.4 (3) (c) (ii).

2. MINIMUM REQUIREMENTS FOR MANUFACTURERS REGARDING QUALITY MANAGEMENT AND THIRD-PARTY OVERSIGHT:

- 2.1 The minimum requirements of the Cayman Islands Shipping Registry are as follows:
 - (a) Plan approval by an RO for each make and model of lifting appliance. The scope of the approval shall include any electrical and / or hydraulic control system(s) that are required for the operation of the appliance unless the provision of such systems is the responsibility of the yacht builder. In such cases, the approval of such systems shall be carried out by the yacht’s RO.
 - (b) The manufacturer to maintain a recognized national or international quality management system certificated by a suitable third party and subject to periodical audit on an annual basis. Alternatively, the appliance is to be manufactured under the Survey (i.e., close supervision) of an RO.
 - (c) Attendance by an RO at the appliance manufacturers premises for the purpose of reviewing material and component certificates and witnessing load testing (both static and dynamic) in accordance with the applicable requirements of the IMO’s revised recommendation on testing of life-saving

appliances (MSC.81 (70)), Section 8 (Launching and Embarkation Appliances), ** paragraph 8.1 (testing of davits and launching appliances). Records of testing shall be documented in the standardized life-saving appliance evaluation and test report form (MSC/Circ.980/Add.2) and consist of the following:

- i. Static proof load test in accordance with section 6.1.1.4**
- ii. Operational load test in accordance with section 6.1.1.5 **
- iii. Turning in test in accordance with section 6.1.1.6
- iv. Winch brake test in accordance with section 6.1.1.7

**Testing may be carried out at reduced angles of list (+/- 5 degrees) and trim (+/- 2 degrees). However, the 2 degrees of trim is not applicable to those davits which automatically slew to align themselves with such loads.

- (d) The inspection and testing shall take place once the construction of the appliance has been completed but prior to the application of any cosmetic finishes (i.e., fairing compounds and / or paint schemes) in order to allow for a full and thorough examination.

3. INFORMATION TO BE INCLUDED IN THE MANUFACTURERS OR RO's CERTIFICATE:

3.1 The certificate shall include the following information:

- (a) Name and address of the manufacturer.
- (b) Make and model of launching appliance.
- (c) Maximum Working Load (MWL) and outreach of the appliance.
- (d) A clear statement confirming that the launching appliance complies with Part A, Chapter 13, Section 13.4 (3) (b) of the REG Yacht Code.
- (e) A list of approved plans that the appliance has been built in accordance with together with the details of the approval documentation issued by the RO.
- (f) Confirmation that the appliance has been built in accordance with the details contained in the above referenced set of plans and was examined upon completion by a Surveyor to an RO.
- (g) Confirmation that the load testing referred to in Section 2.1 (c) of this notice has been completed, was witnessed by a Surveyor to an RO and that the appliance was examined and found satisfactory upon completion.
- (h) Details of the manufacturers quality management system or confirmation that the appliance has been built under the survey of an RO.

3.2 The manufacturers certificate may then be endorsed by a Surveyor to an RO once they are satisfied that the above referenced details have been included and are correct. The manufacturers certificate is subsequently considered to be 'approved' in accordance with the requirements of Part A, Chapter 13, Section 13.4 (3) (c) (ii). Alternatively, the RO may issue their own certificate that includes the details contained in Section 3.1 above.

4. STRENGTH OF SUPPORTING STRUCTURE AND POST INSTALLATION LOAD TESTING:

- 4.1 Structural details for the foundation of the appliance shall be submitted to and subsequently approved by the yacht's RO.
- 4.2 Load testing (dynamic test with a proof load of not less than 1.1 times the maximum working load at maximum lowering speed, which is to be stopped abruptly before the test load enters the water) on board the yacht is to be witnessed by the yachts RO or a Surveyor to the Cayman Islands Shipping Registry. The corresponding test report is to be reviewed and endorsed by the attending Surveyor upon satisfactory completion.

5. GENERAL NOTES:

- 5.1 Materials used in the construction of man riding launching appliances shall either be certificated by a RO or be in accordance with a recognized national or international standard that includes materials which are equivalent to those published by an RO.
- 5.2 Manufacturers' certificates for components used in the construction of a launching appliance (including loose gear, strops, links, shackles etc.) are considered acceptable subject to ensuring that the Safe Working Load (SWL) of each component is clearly indicated and the components are manufactured from suitable materials.
- 5.3 Fibre rope falls shall have a minimum Factor of Safety of 7.5 based on the ultimate strength of the material and shall be replaced at intervals not exceeding 18 months.
- 5.4 The Maximum Working Load (MWL) of the appliance is to be at least equal to the weight of the fully loaded Rescue Boat including its fuel, all of its equipment and at least two persons. The weight of each person shall be assumed to have an average mass of at least 82.5kg in accordance with MSC.272(85). It should be noted that there is no requirement to recover the rescue boat provided that the casualty and the boat's crew can be recovered onboard from the boat in the water.
- 5.5 The RO responsible for the survey and certification of the launching appliance need not necessarily be the RO with whom the yacht is Classed, with the exception of the systems referred to in 2.1 (a) and the foundation referred to in 4.1 of this Shipping Notice.

6. PERIODICAL TESTING, SERVICING AND MAINTENANCE:

- 6.1 Full details regarding these requirements can be found in Part A, Chapter 13, Section 13.4 (3) (e) of the REG Yacht Code.

***Recognized Organizations:**

- American Bureau of Shipping (ABS)
- Bureau Veritas (BV)
- Det Norske Veritas (DNV)
- Lloyds Register (LR)
- Registro Italiano Navale (RINA)