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Circular

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To relevant departments of CCS Headquarters, Shanghai Rules & Research Institute, Plan approval centers, branches, CCS surveyors, relevant shipyards, marine product manufacturers, designers and shipping companies

Notice on the increasing of assumed weight of liferaft occupants

Background: In recent years, the International Maritime Organization has taken measures to prevent the lowering of the survival crafts safety element caused by the increasing of assumed weight of ship crew. The document revision for lifeboat, rescue boat and their launching appliances has been coming into effect from 1st of July, 2010 by resolution MSC. 272 (85) and MSC. 274 (85).

New requirements: For liferaft and its launching appliance, the similar document revision will come into effect from 1st of Jan, 2012. The survey arrangement of CCS is as follows:

1. New built ships with its keel laid on or after 1st of Jan, 2012 shall equip liferaft and its launching appliance meeting the requirements of this Notice;
2. Existing certificates of liferaft and its launching appliance should be renewed before 1st of Jan, 2012 according to this Notice.

This Notice provides the relevant documents. The main new requirements include:

1. for liferaft, regardless of its use for cargo ship or passenger ship, the assumed weight of occupants is increased to 82.5 kg from 75 kg;
2. for the launching appliance of liferaft on passenger ship, the SWL may still be base on the original 75 kg per person.

This Circular is published on CCS website www.ccs.org.cn and is to be forwarded by CCS branches to relevant shipyards, marine product manufacturers, designers and shipping companies in relevance to their business area.

Hereby notify the above.

Annexes:

1. MSC. 293 (87);
2. MSC. 295 (87);

3. MSC.1/Circ.1347

Please contact Technology Management Dept. of the Headquarters in case of any unclarity during the implementation of this Circular.

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ANNEX 7

**RESOLUTION MSC.293(87)
(adopted on 21 May 2010)**

**ADOPTION OF AMENDMENTS TO THE
INTERNATIONAL LIFE-SAVING APPLIANCE (LSA) CODE**

THE MARITIME SAFETY COMMITTEE,

RECALLING Article 28(b) of the Convention on the International Maritime Organization concerning the functions of the Committee,

NOTING resolution MSC.48(66), by which it adopted the International Life-Saving Appliance Code (hereinafter referred to as "the LSA Code"), which has become mandatory under chapter III of the International Convention for the Safety of Life at Sea, 1974 (hereinafter referred to as "the Convention"),

NOTING ALSO article VIII(b) and regulation III/3.10 of the Convention concerning the procedure for amending the LSA Code,

HAVING CONSIDERED, at its eighty-seventh session, amendments to the LSA Code, proposed and circulated in accordance with article VIII(b)(i) of the Convention,

1. ADOPTS, in accordance with article VIII(b)(iv) of the Convention, amendments to the LSA Code, the text of which is set out in the Annex to the present resolution;
2. DETERMINES, in accordance with article VIII(b)(vi)(2)(bb) of the Convention, that the amendments shall be deemed to have been accepted on 1 July 2011, unless prior to that date, more than one third of the Contracting Governments to the Convention or Contracting Governments the combined merchant fleets of which constitute not less than 50% of the gross tonnage of the world's merchant fleet, have notified their objections to the amendments;
3. INVITES Contracting Governments to note that, in accordance with article VIII(b)(vii)(2) of the Convention, the amendments shall enter into force on 1 January 2012 upon their acceptance in accordance with paragraph 2 above;
4. REQUESTS the Secretary-General, in conformity with article VIII(b)(v) of the Convention, to transmit certified copies of the present resolution and the text of the amendments contained in the Annex to all Contracting Governments to the Convention;
5. FURTHER REQUESTS the Secretary-General to transmit copies of this resolution and its Annex to Members of the Organization, which are not Contracting Governments to the Convention.

ANNEX

**AMENDMENTS TO THE INTERNATIONAL
LIFE-SAVING APPLIANCE (LSA) CODE**

**CHAPTER IV
SURVIVAL CRAFT**

In paragraphs 4.2.2.1, 4.2.3.3 and 4.3.3.3, the figure "75 kg" is replaced by the figure "82.5 kg".

ANNEX 9

**RESOLUTION MSC.295(87)
(adopted on 21 May 2010)**

**ADOPTION OF AMENDMENTS TO THE REVISED RECOMMENDATION ON TESTING
OF LIFE-SAVING APPLIANCES (RESOLUTION MSC.81(70))**

THE MARITIME SAFETY COMMITTEE,

RECALLING Article 28(b) of the Convention on the International Maritime Organization concerning the functions of the Committee,

RECALLING ALSO resolution A.689(17) entitled "Testing of life-saving appliances", by which the Assembly, at its seventeenth session, adopted the Recommendation on testing of life-saving appliances,

RECALLING FURTHER that the Assembly, when adopting resolution A.689(17), authorized the Committee to keep the Recommendation on testing of life-saving appliances under review and to adopt, when appropriate, amendments thereto,

NOTING resolution MSC.81(70), by which, at its seventieth session, it adopted the Revised recommendation on testing of life-saving appliances, introducing more precise provisions for the testing of life-saving appliances based on the requirements of the International Life-Saving Appliances (LSA) Code,

RECOGNIZING the need to appropriately align the relevant provisions of the Revised recommendation on testing of life-saving appliances with the associated amendments to the LSA Code adopted by resolution MSC.293(87),

HAVING CONSIDERED, at its eighty-seventh session, proposed amendments to the Revised recommendation on testing of life-saving appliances, prepared by the Sub-Committee on Ship Design and Equipment at its fifty-second session,

1. ADOPTS amendments to the Revised recommendation on testing of life-saving appliances (resolution MSC.81(70)), as amended, the text of which is set out in the Annex to the present resolution;
2. RECOMMENDS Governments to apply the annexed amendments when testing life-saving appliances.

ANNEX

**AMENDMENTS TO THE REVISED RECOMMENDATION ON TESTING OF LIFE-SAVING
APPLIANCES (RESOLUTION MSC.81(70)), AS AMENDED**

**PART 1
PROTOTYPE TESTS FOR LIFE-SAVING APPLIANCES**

1 In paragraphs 5.2.1, 5.7, 5.16.4, 5.17.1, 5.17.2.3, 5.17.10.4 and 5.17.12, the figure "75 kg" is replaced by the figure "82.5 kg".

**PART 2
PRODUCTION AND INSTALLATION TESTS**

2 In paragraph 5.2, the existing subparagraph .4 is replaced by the following:

".4 the 10% overload to be 10% of the mass of the liferaft or rescue boat assembly together with its full equipment and complement of persons calculated at 82.5 kg per person;".

3 In paragraph 6.2.5, the figure "75 kg" is replaced by the figure "82.5 kg".



4 ALBERT EMBANKMENT
LONDON SE1 7SR
Telephone: +44 (0)20 7735 7611 Fax: +44 (0)20 7587 3210

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2 June 2010

**DETERMINATION OF THE REQUIRED SAFE WORKING LOAD OF LIFERAFT
LAUNCHING APPLIANCES ON PASSENGER SHIPS**

1 The Maritime Safety Committee, at its eighty-seventh session (12 to 21 May 2010), following the recommendations made by the Sub-Committee on Ship Design and Equipment, at its fifty-second session, adopted amendments to the LSA Code (resolution MSC.293(87)) which are expected to enter into force on 1 January 2012 and to the Revised recommendation on testing of life-saving appliances (resolution MSC.295(87)), to increase the assumed weight of liferaft occupants to 82.5 kg for the purpose of liferaft approval evaluation and testing.

2 In adopting the aforementioned amendments, the Committee considered the recommendation by the Sub-Committee on Ship Design and Equipment, at its fifty-second session, that the determination of the required safe working load of a life raft launching appliance on a passenger ship should continue to be based on an assumed occupant weight of 75 kg, even though the liferaft has been tested to a higher weight standard, and agreed to the recommendation.

3 The Committee, therefore, agreed that the required safe working load of liferaft launching appliances on passenger ships should continue to be based on an assumed occupant weight of 75 kg times the number of persons for which the liferaft is approved. The Committee also agreed that, notwithstanding paragraph 2/6.2.5 of the Revised recommendation on testing of life-saving appliances (resolution MSC.81(70)), as amended by resolution MSC.295(87), for liferaft launching appliances on passenger ships, the load for the installation "lowering test" should continue to be based on an assumed occupant weight of 75 kg.

4 Member Governments are invited to apply the above clarification when evaluating and testing installations of liferaft launching appliances on passenger ships, and bring it to the attention of all parties concerned.