



THE REPUBLIC OF LIBERIA
LIBERIA MARITIME AUTHORITY

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MARINE OPERATIONS NOTE: 02/2014

(This Marine Operations Note replaces Marine Operations Note 01/2014
issued 3 July 2014)

Subject: Development of Plans and Procedures for the Recovery of Persons from the Water

Dear Shipowners/Operators and Masters,

New SOLAS Regulation III/17-1 requiring all ships (cargo ships of 500 gross tons and above, and passenger ships regardless of size) to have ship-specific plans and procedures for recovery of persons from the water entered into force 1 July 2014. The regulation applies to new ships constructed (having their keel laid) on or after 1 July 2014. Ships constructed before 1 July 2014 shall comply by the first intermediate or first renewal survey after 1 July 2014, whichever comes first. Ro-Ro passenger ships which comply with SOLAS regulation III/26.4 are deemed to comply with regulation III/17-1.

The ship-specific plans and procedures shall identify the equipment intended to be used for recovery purposes and measures to be taken to minimize the risk to shipboard personnel involved in recovery operations. In developing plans and procedures, ship owners and operators shall take into account the guidelines in the attached MSC/Circ.1447. These guidelines should be read in conjunction with:

- a. MSC.1/Circ.1182 - Guide to recovery techniques, and
- b. MSC.1/Circ.1185/Rev.1 - Guide for cold water survival.

Approval of the plan is not required; however, it should be on-board and considered a part of the emergency preparedness plan required by the International Safety Management (ISM) Code.

The Administration has determined that this regulation does not apply to non-self-propelled vessels and mobile offshore units, which by the nature of their construction and employment are normally fixed in one location, not usually engaged in navigation, not readily maneuverable and/or have high freeboard. For self-propelled drill ships, man overboard procedures which are part of the safety management system are deemed sufficient.

If you have any questions please contact the LISCR Safety Department, (703) 790 3434, or safety@lisrcr.com.

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MSC.1/Circ.1447
14 December 2012

**GUIDELINES FOR THE DEVELOPMENT OF PLANS AND PROCEDURES
FOR RECOVERY OF PERSONS FROM THE WATER**

1 The Maritime Safety Committee, at its ninety-first session (26 to 30 November 2012), approved the *Guidelines for the development of plans and procedures for recovery of persons from the water*, set out in the annex, aiming at providing additional guidance on the application of the requirements in SOLAS regulation III/17-1.

2 Member Governments are invited to bring the annexed Guidelines to the attention of all interested parties.

ANNEX

GUIDELINES FOR THE DEVELOPMENT OF PLANS AND PROCEDURES FOR RECOVERY OF PERSONS FROM THE WATER

1 General

1.1 Life-saving and other equipment carried on board may be used to recover persons from the water, even though this may require using such equipment in unconventional ways.

1.2 These Guidelines should be read in conjunction with the *Guide to recovery techniques* (MSC.1/Circ.1182) and the *Guide for cold water survival* (MSC.1/Circ.1185/Rev.1).

1.3 In particular, the *Guide to recovery techniques* (MSC.1/Circ.1182) provides a number of examples of how certain types of equipment can be used to recover persons from the water; and can also be used for the development of plans and procedures for recovery of persons from the water.

1.4 The initiation or continuation of recovery operations should be at the discretion of the master of the recovering ship, in accordance with the provisions of SOLAS regulation III/17-1.

1.5 The plans and procedures should be considered as a part of the emergency preparedness plan required by paragraph 8 of part A of the International Safety Management (ISM) Code.

2 Matters to be considered when developing plans and procedures

2.1 A risk assessment should be conducted and documented when developing plans and procedures for recovery of persons from the water, including equipment intended to be used, taking into account the anticipated conditions and ship-specific characteristics.

2.2 The recovery plans and procedures should facilitate the transfer of persons from the water to the ship while minimizing the risk of injury from impact with the ship's side or other structures, including the recovery appliance itself.

2.3 To the extent practicable, recovery procedures should provide for recovery of persons in a horizontal or near-horizontal ("deck-chair") position. Recovery in a vertical position should be avoided whenever possible as it risks cardiac arrest in hypothermic casualties (refer to the *Guide for cold water survival* (MSC.1/Circ.1185/Rev.1)).

2.4 If carried, dedicated recovery equipment should be clearly marked with the maximum number of persons it can accommodate, based on a weight of 82.5 kg per person.

2.5 Recovery operations should be conducted at a position clear of the ship's propellers and, as far as practicable, within the ship's parallel mid-body section.

2.6 A source of illumination and, where required, a source of power should be available for the area where the recovery operation is conducted.

2.7 Ship-specific procedures for the recovery of persons from the water should specify the anticipated conditions under which a recovery operation may be conducted without causing undue hazard to the ship and the ship's crew, taking into account, but not limited to:

- .1 manoeuvrability of the ship;
- .2 freeboard of the ship;
- .3 points on the ship to which casualties may be recovered;
- .4 characteristics and limitations of equipment intended to be used for recovery operations;
- .5 available crew and personal protective equipment (PPE);
- .6 wind force, direction and spray;
- .7 significant wave height (H_s);
- .8 period of waves;
- .9 swell; and
- .10 safety of navigation.

3 Competence and familiarization

Drills should ensure that crew are familiar with the plans, procedures and equipment for recovery of persons from the water. Such drills may be conducted in conjunction with routine man-overboard drills.
