

v. 완화 조건 - 길이 85m 미만의 화물선(유탱커 및 케미칼탱커 제외)

- 총 승선인원을 수용할 수 있는 팽창식 또는 고체식 구명뗏목을 선박의 각 현에 하나 이상 비치할 것
 - + 위 구명뗏목이 185kg 이상이며 반대 현측으로 이동이 어려운 경우에는, 각 현에서 이용할 수 있는 합계 수용능력이 총 승선인원의 150%를 수용할 수 있도록 충분한 구명뗏목을 추가 비치할 것
- 만약 선박에 비치된 구조정이 전폐형 구명정이라면, 선박의 각 현에서 이용할 수 있는 합계 수용능력이 총 승선인원의 150%가 되는 것을 요건으로 구조정의 수용인원을 위 구명뗏목의 수용능력에 포함 가능
- 어느 한 생존정이 멸실되거나 사용할 수 없는 경우라 할지라도, 185kg 미만의 크기이고 반대 현측으로 이동이 가능한 생존정을 포함하여, 선박의 각 현에 총 승선인원을 수용할 수 있는 충분한 생존정을 비치할 것

② 승정 및 진수 장치 (Reg. 33)

- 화물선 생존정의 승정장치는 구명정이 탑재된 위치로부터 직접 승정하고 진수될 것
- 데비트 진수형 구명뗏목은 탑재위치와 바로 인접하여 구명뗏목을 진수하기 전에 옮겨놓는 위치로부터 승정하고 진수될 것
- 총톤수 20,000톤 이상의 화물선에서 데비트 진수식 구명정은 잔잔한 수면에서 5노트 속력으로 항진하고 있을 때에도 진수될 수 있는 능력을 가져야 하며 필요한 경우 페인터를 이용할 수 있을 것

A++ Note

SOLAS Ch.3 Reg.33 Survival Craft (General)

1. 4 Cargo ships where the horizontal distance from the extreme end of the stem or stern of the ship to the nearest end of the closest survival craft is **more than 100 m** shall carry, in addition to the liferafts required by paragraphs 1. 1. 2 and 1. 2. 2, a liferaft stowed as far forward of aft, or one as far forward and another as far aft, as is reasonable and practicable. Such liferaft or liferafts may be securely fastened so as to permit **manual release** and need not be of the type which can be launched from an approved launching device.
1. 5 With the exception of the survival craft referred to in regulation 16. 1. 1, **all survival craft** required to provide for abandonment by the total number of persons on board shall be capable of being launched with their full complement of persons and equipment within a period of **10 min** from the time the abandon ship signal is given.

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SOLAS Ch.3 Reg.33

Survival craft embarkation and launching arrangements (for Cargo Ship)

- 1 Cargo ship survival craft embarkation arrangements shall be so designed that lifeboats can be boarded and launched directly from the stowed position and davit-launched liferafts can be boarded and launched from a position immediately adjacent to the stowed position or from a position to which the liferaft is transferred prior to launching in compliance with the requirements of regulation 13.5.
- 2 On cargo ships of 20,000 gross tonnage and upwards, davit-launched lifeboats shall be capable of being launched, utilizing painters where necessary, with the ship making headway at speeds up to 5 knots in calm water.

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LSA 4.8 Lifeboats with a Self-contained Air Support System

In addition to complying with the requirements of section 4.6 or 4.7, as applicable, a lifeboat with a self-contained air support system shall be so arranged that, when proceeding with all entrances and openings closed, the air in the lifeboat remains safe and breathable and the engine runs normally for a period of not less than 10 min. During this period the atmospheric pressure inside the lifeboat shall never fall below the outside atmospheric pressure nor shall it exceed it by more than 20 hPa. The system shall have visual indicators to indicate the pressure of the air supply at all times.

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LSA 4.9 Fire-protected Lifeboats

4.9.1 In addition to complying with the requirements of section 4.8, a fire-protected lifeboat when waterborne shall be capable of protecting the number of persons it is permitted to accommodate when subjected to a continuous oil fire that envelops the lifeboat for a period of not less than 8 min.

4.9.2 Water spray system

A lifeboat which has a water spray fire-protection system shall comply with the following:

- . 1 water for the system shall be drawn from the sea by a self-priming motor pump. It shall be possible to turn "on" and turn "off" the flow of water over the exterior of the lifeboat;
- . 2 the seawater intake shall be so arranged as to prevent the intake of flammable liquids from the sea surface; and
- . 3 the system shall be arranged for flushing with fresh water and allowing complete drainage.