

標 題：

英文版鋼船規則及び検査要領
U編改正に伴う復原性資料の
作成について

NKテクニカル インフォメーション

No. : No.: 401

Date : Date: 平成 13 年 6 月 1 日

船主、造船所各位

非損傷時要件を規定している IMO Resolution A.167 (ES.IV)*¹、IMO Resolution A.206 (VII)*² 及び IMO Resolution A.562 (14)*³が、MSC Resolution 75(65)*⁴で改正された IMO Resolution A.749 (18)*⁵の 3.1 規則、3.2 規則及び 4.1 規則に統合されたことに伴い、平成 13 年 7 月 1 日より、改正された鋼船規則 U 編（英文版）が適用されることとなります。

これにより、平成 13 年 7 月 1 日以降入級申請がなされた外国籍船舶の復原性資料は、IMO Resolution A.167、A.206、A.562 に従って作成されるのではなく、IMO Resolution A.749 の 3.1 規則、3.2 規則及び 4.1 規則に従って作成されなければならなりませんのでご留意お願い致します。

主な変更点として、甲板上に木材貨物を積載する船舶の G_0M について下記の通り変更されております。その他については、特に大きな変更はありません。詳細は、添付の改正された鋼船規則及び検査要領 U 編（英文版）を参照願います。

現行規則：甲板上に木材貨物を積載する船舶の G_0M は、出航時に 0.1 m 以上であり、航海中は少なくとも正であること。

改正規則：甲板上に木材貨物を積載する船舶の G_0M は、航海中常に 0.1 m 以上であること。

又、日本籍についても外国籍と同様に上記に従って作成されることを推奨致します。

以上

- * 1 : Recommendation on Intact Stability for Passenger and Cargo Ships under 100 meters in length
- * 2 : Amendments to the Recommendation on Intact Stability for Passenger and Cargo Ships under 100 meters in length (Resolution A.167 (ES.IV)) with respect to Ships Carrying Deck Cargoes
- * 3 : Recommendation on a Severe wind and Rolling Criterion (Weather Criterion) for the Intact Stability of Passenger and Cargo Ships of 24 meters in length and over
- * 4 : Adoption of Amendments to the Code on Intact Stability for all types of Ships Covered by IMO Instruments (Resolution A.749(18))
- * 5 : Code on Intact Stability for all types of Ships Covered by IMO Instruments

添付：改正された鋼船規則及び検査要領 U 編（英文版）抜粋

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2001 RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

Part C Hull Construction and Equipment

Part U Intact Stability

Rules for the Survey and Construction of Steel Ships

Part C

AMENDMENT NO.1

Part U

AMENDMENT NO.1

Guidance for the Survey and Construction of Steel Ships

Part C

AMENDMENT NO.1

Part U

AMENDMENT NO.1

Rule No. 4 / Notice No.14 10th April 2001

Resolved by Technical Committee on 10th November 1999,
17th March 2000, 12th July 2000 and 6th November 2000

Approved by Board of Directors on 24th November 1999,
28th March 2000, 22nd August 2000 and 28th November 2000

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NIPPON KAIJI KYOKAI

RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

Part U Intact Stability

RULES

AMENDMENT NO.1

Rule No. 4

10th April 2001

Resolved by Technical Committee on 6th November 2000

Approved by Board of Directors on 28th November 2000

AMENDMENT TO THE RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

“Rules for the Survey and Construction of Steel Ships” has been partly amended as follows:

Part U INTACT STABILITY

Chapter 1 GENERAL

1.1 General

Paragraph 1.1.4 has been newly added as follows;

1.1.4 Definitions

For the purpose of the application of this part, the following definitions apply.

- (1) “Timber deck cargo” means a cargo of timber carried on an uncovered part of a freeboard or superstructure deck. The term does not include wood pulp or similar cargo.

Chapter 2 STABILITY REQUIREMENTS

2.1 General

2.1.2 Calculation on Stability

(3) in paragraph 2.1.2 has been amended as follows;

- (3) Where anti-rolling devices are installed in a ship, the requirements in 2.2 are to be satisfied whether the devices are in operation or not.

2.2 General Stability Requirements

2.2.1 Stability Curves

(3) in sub-paragraph 2 has been amended as follows,

- (3) G_M is to be not less than 0.10 *m* during navigation.

EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 1 July 2001.
2. Notwithstanding the amendments to the Rules, the current requirements may apply to ships other than ships for which the application for Classification Survey during Construction is submitted to the Society on and after the effective date.
3. Notwithstanding the provision of preceding 2., the amendments to the Rules may upon the request by the Owner apply to ships other than ships for which the application for Classification Survey during Construction is submitted to the Society on and after the effective date.

GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

Part U

Intact Stability

AMENDMENT NO.1

Notice No. 14 10th April 2001

Resolved by Technical Committee on 6th November 2000

AMENDMENT TO THE GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

“Guidance for the Survey and Construction of Steel Ships” has been partly amended as follows:

Part U INTACT STABILITY

U1 GENERAL

U1.1 General

U1.1.1 Application

Sub-paragraph -3 has been deleted.

U1.1.2 Special Cases in Application

Sub-paragraph -2 has been amended as follows;

- 2 For offshore supply vessels, Chapters 3.2 and 4.5 of *IMO Res. A.749(18) “Code on Intact Stability for All Types of Ships covered by IMO Instruments”*, as amended by *MSC Res.75(69)* are to apply.

Paragraph U1.1.5 has been newly added.

U1.1.5 Definitions

For the purpose of the application of this part, timber deck cargo specified in **1.1.5, Part U of the Rules**, is to be stowed complying with the provisions of Chapter 3 of the *CODE OF SAFE PRACTICE FOR SHIPS CARRYING TIMBER DECK CARGOES, 1991* (resolution A.715(17)). Otherwise, special consideration is required.

U2 STABILITY REQUIREMENTS

U2.1 General

U2.1.2 Calculation on Stability

Sub-paragraph -3 has been newly added.

For the application of 2.1.1-3, Part U of the Rules, reference is to be made to the provisions of Chapter 5 of *IMO Res. A.749(18)*.

U2.3 Stability Requirements in Wind and Waves

U2.3.1 Stability Curves and Wind-heeling Moment Lever Curves

Sub-paragraph -3 and -4 has been renumbered to -4 and -5 respectively, sub-paragraph -3 has been newly added and main text of sub-paragraph -4 has been amended as follows;

- 3 For the application of 2.3.1-1, Part U of the Rules to ships loaded with timber deck cargo, provisions in 2.3.1-1(1), Part U of the Rules may apply reading that heeling angle caused by steady wind is to be less than 16°
- 4 Where the requirements specified in 2.3.1-1, Part U of the Rules apply to the ships registered as restricted service, the values of l_w and s may be modified as the following formula respectively.

EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 1 July 2001.
2. Notwithstanding the amendments to the Rules, the current requirements may apply to ships other than ships for which the application for Classification Survey during Construction is submitted to the Society on and after the effective date.
3. Notwithstanding the provision of preceding 2., the amendments to the Rules may upon the request by the Owner apply to ships other than ships for which the application for Classification Survey during Construction is submitted to the Society on and after the effective date.