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# **RULES FOR RADIO INSTALLATIONS**

**RULES**

## **2010 AMENDMENT NO.1**

Rule No.27 15th April 2010

Resolved by Technical Committee on 5th February 2010

Approved by Board of Directors on 23rd February 2010

“Rules for radio installations” has been partly amended as follows:

Amendment 1-1

## Chapter 2 SURVEYS

### 2.1 General

Paragraph 2.1.8 has been added as follows.

#### **2.1.8 Laid-up Ships**

**1 Laid-up ships are not subject to Registration Maintenance Surveys. However, Occasional Surveys may be carried out at the request of owners.**

**2 When laid-up ships are about to be re-entering service, the following surveys and surveys for specific matters which have been postponed due to being laid-up, if any, are to be carried out.**

**(1) If the due dates for Registration Maintenance Surveys have not transpired while the ship was laid-up, then an equivalent to the Periodical Surveys specified in 2.3.1 is to be carried out.**

**(2) If the due dates for Registration Maintenance Surveys have transpired while the ship was laid-up, then the Periodical Surveys specified in 2.3.1 are to be carried out.**

#### EFFECTIVE DATE AND APPLICATION (Amendment 1-1)

1. The effective date of the amendments is 15 April 2010.
2. Notwithstanding the amendments to the Rules, the current requirements may apply to the surveys for which the application is submitted to the Society before the effective date.

## Chapter 3 RADIO INSTALLATIONS

### 3.2 Radio Equipment

Sub-paragraph 3.2.7(1) has been amended as follows.

#### 3.2.7 Satellite Emergency Position Indicating Radio Beacon

A satellite emergency position indicating radio beacon (hereinafter referred to as “satellite EPIRB”) is to be:

- (1) capable of transmitting a distress alert ~~either through the polar orbiting satellite service on the 406/121MHz bands, or if the ship is engaged exclusively on voyages within INMARSAT coverage, through the INMARSAT geostationary satellite service on the 1.6GHz band;~~
- (2) installed in an easily accessible position;
- (3) ready to be manually released and capable of being carried by one person into a survival craft;
- (4) capable of floating free if the ship sinks and of being automatically activated when afloat; and
- (5) capable of being activated manually

## Chapter 4 COMMUNICATION SYSTEMS

### 4.3 Radio Equipment - Sea Area A1

Sub-paragraph -1(5)(b) has been amended as follows.

**1** In addition to meeting the requirements of **4.2**, every ship engaged on voyages exclusively in sea area A1 is to be provided with a radio installation capable of initiating the transmission of ship-to-shore distress alerts from the position from which the ship is normally navigated, and operating either:

(Sub-paragraphs (1) to (4) are omitted)

- (5) through the INMARSAT geostationary satellite service; this requirement may be fulfilled by:
  - (a) an INMARSAT ship earth station, or
  - (b) a satellite EPIRB ~~specified in 3.2.7 on the 1.6GHz band~~, either by installing the satellite EPIRB close to, or by remote activation from, the position from which the ship is normally navigated.

#### 4.4 Radio Equipment - Sea Areas A1 and A2

Sub-paragraph -1 has been amended as follows.

**1** In addition to meeting the requirements of **4.2**, every ship engaged on voyages beyond sea area A1, but remaining within sea area A2, is to be provided with:

- (1) an MF radio installation;
- (2) means of initiating the transmission of ship-to-shore distress alerts by a radio service other than MF operating either:
  - (a) through the polar orbiting satellite service on 406MHz as specified in **4.3-1(2)**; or
  - (b) on HF using DSC as specified in **4.3-1(4)**; or
  - (c) through the INMARSAT geostationary satellite service by a ship earth station, ~~as specified in **4.3-1(5)**.~~

#### 4.5 Radio Equipment - Sea Areas A1, A2 and A3

Sub-paragraph -1 has been amended as follows.

**1** In addition to meeting the requirements of **4.2**, every ship engaged on voyages beyond sea areas A1 and A2, but remaining within sea area A3, if it does not comply with the requirements of **-2**, is to be provided with.

- (1) an INMARSAT communication installation specified in **3.2.4**;
- (2) an MF radio installation specified in **3.2.2**; and
- (3) means of initiating the transmission of ship-to-shore distress alerts by a radio service operating either:
  - (a) through the polar orbiting satellite service on 406MHz as specified in **4.3-1(2)**; or
  - (b) on HF using DSC as specified in **4.3-1(4)**; or
  - (c) through the INMARSAT geostationary satellite service by an additional INMARSAT ship earth station, ~~or 1.6GHz satellite EPIRB as specified in **3.2.7**, by installing such equipment close to, or by remote activation from, the position from which the ship is normally navigated.~~

Sub-paragraph -2 has been amended as follows.

**2** In addition to meeting the requirements of **4.2**, every ship engaged on voyages beyond sea areas A1 and A2, but remaining within sea area A3, if it does not comply with the requirements of **-1**, is to be provided with:

- (1) an MF/HF radio installation; and
- (2) means of initiating the transmission of ship-to-shore distress alerts by a radio communication service other than HF operating either:
  - (a) through the polar orbiting satellite service on 406/121MHz as specified in **4.3-1(2)**; or
  - (b) through the INMARSAT geostationary satellite service by a ship earth station, ~~as specified in **4.3-1(5)**.~~

#### EFFECTIVE DATE AND APPLICATION (Amendment 1-2)

- 1.** The effective date of the amendments is 1 July 2010.

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# **GUIDANCE FOR RADIO INSTALLATIONS**

**GUIDANCE**

## **2010 AMENDMENT NO.1**

Notice No.45      15th April 2010

Resolved by Technical Committee on 5th February 2010

“Guidance for radio installations” has been partly amended as follows:

## Chapter 2 SURVEYS

### 2.2 Registration Surveys

Paragraph 2.2.2 has been amended as follows.

#### 2.2.2 Surveys

Requirements of the Registration Survey referred to in paragraph **2.2.2 of the Rules** are detailed below:

(Sub-paragraphs (1) to (5) are omitted)

(6) Emergency Position Indicating Radio Beacons (EPIRBs)

(Sub-paragraphs (a) to (c) are omitted)

(d) verify all aspects of operational efficiency, with special emphasis on checking the emission on operational frequencies, coding and registration, according to the guidelines as listed below.

i) satellite EPIRB on 406 MHz : *IMO MSC/Circ.1040*

~~ii) satellite EPIRB on 1.6 GHz : *IMO MSC/Circ.1123*~~

iii) VHF EPIRB: guidelines deemed appropriate by the Society

### EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 1 July 2010.