



# Government Gazette Staatskoerant

REPUBLIC OF SOUTH AFRICA  
REPUBLIEK VAN SUID-AFRIKA

*Regulation Gazette*

No. 9982

*Regulasiekoerant*

Vol. 577

Pretoria, 2 July 2013

No. 36623

**N.B. The Government Printing Works will  
not be held responsible for the quality of  
“Hard Copies” or “Electronic Files”  
submitted for publication purposes**



AIDS HELPLINE: 0800-0123-22 Prevention is the cure

**IMPORTANT NOTICE**

**The Government Printing Works will not be held responsible for faxed documents not received due to errors on the fax machine or faxes received which are unclear or incomplete. Please be advised that an "OK" slip, received from a fax machine, will not be accepted as proof that documents were received by the GPW for printing. If documents are faxed to the GPW it will be the sender's responsibility to phone and confirm that the documents were received in good order.**

**Furthermore the Government Printing Works will also not be held responsible for cancellations and amendments which have not been done on original documents received from clients.**

**CONTENTS**

No.	Page No.	Gazette No.
<b>GOVERNMENT NOTICE</b>		
<b>Transport, Department of</b>		
<i>Government Notice</i>		
R. 457 Merchant Shipping Act (57/1951): Merchant Shipping (Radio Installations) Amendment Regulations, 2013.....	3	36623

**INHOUD**

No.	Bladsy No.	Koerant No.
<b>GOEWERMENTSKENNISGEWING</b>		
<b>Vervoer, Departement van</b>		
<i>Goewermentskennisgewing</i>		
R. 457 Handelskeepvaartwet (57/1951): Regu- lasies tot wysiging van die Handel- skeepvaartregulasies (Radio-insti- lasies), 2013.....	17	36623

# GOVERNMENT NOTICE GOEWERMENTSKENNISGEWING

## DEPARTMENT OF TRANSPORT DEPARTEMENT VAN VERVOER

No. R. 457

2 July 2013

### MERCHANT SHIPPING ACT, 1951 (ACT NO. 57 OF 1951)

### MERCHANT SHIPPING (RADIO INSTALLATIONS) AMENDMENT REGULATIONS, 2013

I, Dikobe Ben Martins, Minister of Transport, have in terms of section 356 of the Merchant Shipping Act, 1951 (Act No. 57 of 1951), made the regulations in the Schedule.



**Mr. D. B. MARTINS, MP**

**MINISTER OF TRANSPORT**

**DATE: 15-06-2013**

### SCHEDULE

#### **Definition**

1. In these regulations, "the Regulations" means the Merchant Shipping (Radio Installations) Regulations, 2002, published under Government Notice No. R. 506 of 26 April 2002.

**Amendment of arrangement of the Regulations**

2. The arrangement of regulations of the Regulations is amended—

- (a) by the substitution for the heading to Part 2 of the following heading:

**“SOLAS REQUIREMENTS”;** and

- (b) by the substitution for the heading to Part 3 of the following heading:

**“NON-SOLAS REQUIREMENTS”.**

**Amendment of regulation 2 of the Regulations**

3. Regulation 2 of the Regulations is amended—

- (a) by the substitution in sub regulation (1) for the definition of “COSPAS-SARSAT satellite service” of the following definition:

**“COSPAS-SARSAT satellite service”** means a satellite aided search and rescue system designed to locate distress beacons transmitting in the 406 MHz band;”;

- (b) by the substitution in sub regulation (1) for the definition of “enhanced group calling (EGC)” of the following definition:

**“enhanced group calling (EGC)”** means a system providing a simple and automated means of receiving marine safety information via satellite on board ships;”;

- (c) by the substitution in sub regulation (1) for the definition of “**GMDSS**” general operator’s certificate” and “GMDSS restricted operator’s certificate” of the following definition:

“ ‘GMDSS radio operator certificates’ includes

- (a) GMDSS First-class Radio Electronic Certificate
- (b) GMDSS Second-class Radio Electronic Certificate,
- (c) GMDSS General Operator’s Certificate

which are respectively issued in accordance with the STCW Convention as amended and ITU Radio Regulations;”.

- (d) by the insertion of “**gross tonnage**” after the definition of “**GMDSS**” general operator’s certificate”

“ **gross tonnage**” means the measure of the overall size of a ship determined in accordance with the provisions of the present convention (International Convention on Tonnage measurement of ships) ;

- (e) by the substitution in sub regulation (1) for the definition of "international NAVTEX service " of the following definition:

“**international NAVTEX service**’ means the coordinated broadcast and automatic reception on 518 kHz, 490kHz or 4209 kHz of maritime safety information by means of narrow-band direct-printing telegraphy;”;

- (f) by insertion in sub regulation (1) of the definition “Radio operator certificates” after the definition of “Radiotelephone operator”:

“Radio operator certificates” includes

- (a) Long Range Certificate
- (b) Short Range Certificates

which are respectively issued in accordance with the ITU Radio Regulations;”.

(g) by the deletion of the definition of “silence period”.

(h) by the insertion in sub regulation (1) of the definition “SART” after the definition “radiotelephone installation”

“SART” means a Search and Rescue Transponder capable of operating in the 9 GHz radar frequency band”

### **Amendment of regulation 3 of the Regulations**

#### **Substitution of heading to Part 2 of the Regulations**

4. The following heading is substituted for the heading to Part 2 of the Regulations:

**“SOLAS REQUIREMENTS”.**

### **Amendment of regulation 18 of the Regulations**

5. Regulation 18 of the Regulations is amended—

(a) by the substitution for sub regulation (1) of the following sub regulation:

“(1) Subject to section 73(4) of the Act, every ship to which this Part applies must carry the number of radio operators required by regulation 16 of the Merchant Shipping (Safe Manning) Regulations, 1999, as amended, each of whom must be a person who is qualified for distress and safety radio communications purposes, as specified in sub regulation (2).”;

(b) by the substitution for paragraph (a) of sub regulation (2) of the following paragraph:

"(a) in the case of an area A1 ship, he or she holds a GMDSS general operator's certificate, issued in accordance with Article 47 of the ITU Radio Regulations;"; and

(c) by the substitution for paragraph (b) of sub regulation (2) of the following paragraph:

"(b) in the case of an area A2, area A3 or area A4 ship, he or she holds a GMDSS general operator's certificate issued in accordance with Article 47 of the ITU Radio Regulations.".

### **Substitution of heading to Part 3 of the Regulations**

6. The following heading is substituted for the heading to Part 3 of the Regulations:

**"NON-SOLAS REQUIREMENTS".**

### **Amendment of regulation 22 of the Regulations**

7. Regulation 22 of the Regulations is amended—

(a) by the substitution for sub regulation (1) of the following sub regulation:

"(1) Every ship to which this Part applies must be provided with VHF radio installation capable of transmitting and receiving—

- (i) DSC on the frequency 156.525 MHz (channel 70), whereby it must be possible to initiate the transmission of distress alerts on channel 70 from the position from which the ship is normally navigated; and
  - (ii) radiotelephony on the frequencies 156.300 MHz (channel 6), 156.650 MHz (channel 13) and 156.800 MHz (channel 16)
  - (iii) A radio installation capable of maintaining a DSC watch on VHF channel 70.”.
- (b) by the substitution for sub regulation (2) of the following sub regulation
- “(2) Every ship to which this Part applies, being—
- (a) a passenger ship;
  - (b) a cargo ship of 100 gross tonnage or more;
  - (c) a cargo ship of less than 100 gross tonnage making a voyage more than 40 nautical miles from shore;
  - (d) a class B or C fishing vessel; or
  - (e) a pleasure vessel of 100 gross tonnage or more,

"must be provided with-

- (i) An MF/HF radio installation capable of transmitting and receiving, for distress and safety purposes, on all distress and safety frequencies in the bands 1605 kHz and 4000 kHz and between 4000 kHz and 27500 kHz using –
  - (aa) DSC;
  - (bb) radiotelephony
- (ii) equipment capable of maintaining a DSC watch on the frequencies 2187.5 kHz, 8414.5 kHz and at least one of the distress and safety DSC frequencies 4207.5 kHz, 6312 kHz, 12577 kHz or 16804.5 kHz.
- (iii) a receiver capable of receiving international NAVTEX services broadcast;
- (iv) a satellite EPIRB of the kind referred to in regulation 10(1)(f)”.

(c) by the substitution for sub regulation (3) of the following sub regulation:

"(3) If radio equipment required by this Part is capable of automatically providing the ship's position when transmitting a distress alert, the ship's position and the time the ship was at that position must be made available for transmission by the radio equipment—

- (a) from a navigation receiver, if one is fitted; or
- (b) manually, at intervals not exceeding four hours, while the ship is at sea.”.

### **Substitution of regulation 29 of the Regulations**

8. The following regulation is substituted for regulation 29 of the Regulations:

#### **“Use of VHF DSC radiotelephone installations**

29. Every radio operator using the VHF DSC radiotelephone installation must have practical knowledge of operating the VHF DSC equipment and general knowledge of the ITU Radio Regulations applying to VHF DSC radiotelephone communications and specifically that part of those Regulations relating to distress, urgency and safety procedures.”.

### **Amendment of regulation 30 of Regulations**

(a) by the substitution for sub regulation (1) of the following sub regulation:

"30. (1) Every ship to which this Part applies, while at sea, must maintain a continuous watch on the navigation bridge on VHF DSC channel 70 and on the frequency 156.8MHz (VHF channel 16)”.

**Amendment of regulation 31 of the Regulations**

9. Regulation 31 of the Regulations is amended—

(a) by the substitution for sub regulation (3) of the following sub regulation:

“(3) A reliable clock must be securely mounted in such a position that the entire dial can easily be observed from the radiotelephone operating position.”; and

(b) by deletion of sub regulation (7).

**Amendment of regulation 32 of the Regulations**

10. Regulation 32 of the Regulations is amended by the deletion of sub regulation (2).

**Substitution of regulation 35 of the Regulations**

11. The following regulation is substituted for regulation 35 of the Regulations:

**“Radio watch (Radiotelephone ship)**

35. (1) Every ship to which this Part applies, while at sea, must maintain a DSC watch—

- (a) on VHF DSC channel 70; or
- (b) on the distress and safety DSC frequencies 2187.5 kHz or 8414.5 kHz and on at least one of the distress and safety DSC frequencies 4207.5 kHz, 6312 kHz, 12577 kHz or 16804.5 kHz.

(2) Every ship to which this Part applies, while at sea, must maintain a radio watch for broadcasts of maritime safety information on the appropriate frequency or frequencies on which such information is broadcast for the area in which the ship is being navigated.

(3) Every ship to which this Part applies, while at sea, must maintain, when practicable, a continuous watch on VHF channel 16, and this watch must be kept at the position from which the ship is normally navigated.”.

### **Substitution of regulation 36 of the Regulations**

12. The following regulation is substituted for regulation 36 of the Regulations:

#### **“Radiotelephone operators**

36. Subject to section 73(4) of the Act, every ship to which this Part applies must carry the number of appropriately qualified radiotelephone operators as specified in regulation 16 of the Merchant Shipping (Safe Manning) Regulations, 1999, as amended.”.

### **Amendment of regulation 38 of the Regulations**

13. Regulation 38 of the Regulations is amended by the addition of subparagraph (3)(c) of the following subparagraph:

“(c) a pleasure vessel of 100 gross tonnage or more.”.

### **Amendment of regulation 39 of the Regulations**

14. Regulation 39 of the Regulations is amended by the addition of the following sub regulation:

"(4) A vessel that is equipped with free-fall lifeboats should have a Search and Rescue Radar Transponder permanently and securely mounted therein."

### **Substitution of Annex 1 to the Regulations**

**15.** The following Annex is substituted for Annex 1 to the Regulations:

#### **"Annex 1**

(Regulation 10(1)(f))

#### **SATELLITE EPIRBs**

Every satellite EPIRB required by these regulations must be—

- (a) capable of transmitting a disaster alert through the COSPAS-SARSAT satellite service operating in the 406 MHz band;
- (b) installed in an easily accessible position;
- (c) ready to be manually released and capable of being carried by one person into a survival craft;
- (d) capable of floating free if the ship sinks;
- (e) capable of being activated manually; and
- (f) automatically activated when afloat.".

### **Amendment of Annex 2 to the Regulations**

**16.** Annex 2 to the Regulations is amended by the substitution for subparagraph (i) of paragraph (a) of item 3 of the following subparagraph:

“(i) its capability to operate properly as per the manufacturer’s specification, the expiry date of the battery, checking of the built-in magnet and particularly its ability to float free (where required) in the event of the ship sinking;”.

### **Substitution of Annex 4 to the Regulations**

17. The following Annex is substituted for Annex 4 to the Regulations:

#### **“Annex 4**

(Regulation 25(4))

### **TOOLS, TESTING EQUIPMENT AND SPARE PARTS**

#### *Tools*

- 1 smooth file of 15 cm length
- 1 jointing knife
- 1 pair 18 cm insulated wireman’s pliers with side cutters
- 1 set of screwdrivers (flat-head and/or phillips) suitable for use on the radiotelephone equipment
- 1 adjustable spanner with 25 mm gap
- 1 hacksaw and spare blades to suit
- 1 lockable tool box or compartment (for containing the above-mentioned tools)

#### *Measuring instruments*

- 1 hydrometer, not required if vessels are fitted with non-maintenance batteries
- Spare parts and miscellaneous items
- 5 fuses for each type and rating of fuse in use
- 1 spare bulb for the emergency light required by regulation 31(4)
- 250 g petroleum jelly or general purpose grease

Where special nuts or screws are used for fastening, suitable tools must be provided in addition to those specified above.”.

### **Substitution of Annex 5 to the Regulations**

**18.** The following Annex is substituted for Annex 5 to the Regulations:

#### **“Annex 5**

(Regulation 25(7))

### **NON-SOLAS EQUIPMENT TESTS AND BATTERY AND RESERVE ENERGY CHECKS**

**1. Daily**

- (a) Batteries providing a source of energy for any part of the radio installation must be tested daily and, where necessary, brought up to the fully charged condition.
- (b) Each printer must be checked at least once each day to ensure its serviceability.

**2. Weekly**

- (a) Survival craft fixed radio equipment, if provided, must be tested at least once every week using suitable artificial antennas.
- (b) Batteries forming part of survival craft fixed radio equipment, if provided, and the two-way radiotelephone apparatus for survival craft must be

tested weekly and, where necessary, brought up to a fully charged condition. Where non-rechargeable batteries are provided as a source of energy, the expiry date of the batteries must be checked and the batteries replaced if necessary

- (c) Each item of survival craft two-way VHF radio equipment must be tested at least once a week on a frequency other than 156.8 MHz (VHF channel 16), unless the equipment is of a sealed type where such testing is not practical.

3. *Monthly*

- (a) Each EPIRB must be examined at least once a month to check—
  - (i) its capability to operate properly as per manufacturer instructions and by checking the battery expiry date and the fitted magnet and in particular, its ability to float free in the event of the ship sinking;
  - (ii) how secure it is in its mounting; and
  - (iii) for signs of damage.
- (b) Each radar transponder must be examined at least once a month to check how secure it is in its mounting, for signs of damage and the battery expiry date.
- (c) A check must be made at least once a month on the condition of all batteries providing a source of energy for any part of a radio installation and on how secure they are in their mountings. The battery connections and compartment must also be checked.

- (d) Survival craft fixed radio equipment must be tested at least once a month using an antenna provided with the equipment.
- (e) The proper functioning of the DSC facilities must be tested without radiation of signals by use of the means provided on the equipment.

4. *Annually*

Survival craft radar transponders must be inspected tested and, if necessary, have their source of energy replaced at least once every twelve months. The Authority may extend this interval to a maximum of 17 months to permit the inspection to take place concurrently with a radio survey.

5. *Recording of results*

Results of the tests and checks required by this Annex must be entered in the radio log."

**Short title and commencement**

19. These regulations are called the Merchant Shipping (Radio Installations) Amendment Regulations, 2013, and come into operation on the date of publication thereof.

---

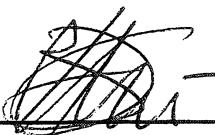
No. R. 457

2 Julie 2013

**HANDELSKEEPVAARTWET, 1951 (WET NO. 57 VAN 1951)**

**REGULASIES TOT WYSIGING VAN DIE HANDELSKEEPVAARTREGULASIES  
(RADIO-INSTALLASIES), 2013**

Ek, Dikobe Ben Martins, Minister van Vervoer, het kragtens artikel 356 van die Handelskeepvaartwet, 1951 (Wet No. 57 van 1951), die regulasies in die Bylae uitgevaardig.



---

**D. B. MARTINS, LP**

**MINISTER VAN VERVOER**

**DATUM: 15-06-2013**

**BYLAE****Woordomskrywing**

1. In hierdie regulasies beteken "die Regulasies" die Handelskeepvaartregulasies (Radio-installasies), 2002, afgekondig by Goewermentskennisgewing No. R. 506 van 26 April 2002.

**Wysiging van indeling van die Regulasies**

2. Die indeling van die Regulasies word hierby gewysig deur—
- (a) die opskrif van Deel 2 deur die volgende opskrif te vervang:  
**"SOLAS-VEREISTES"; en**
- (b) die opskrif van Deel 3 deur die volgende opskrif te vervang:  
**"NIE-SOLAS-VEREISTES".**

**Wysiging van regulasie 2 van die Regulasies**

3. Regulasie 2 van die Regulasies word hierby gewysig deur—
- (a) in subregulasie (1) die woordomskrywing van "COSPAS-SARSAT-satellietdiens" deur die volgende woordomskrywing te vervang:  
**"COSPAS-SARSAT-satellietdiens' 'n satellietgesteunde soek-en-reddingstelsel wat ontwerp is om noodbakens op te spoor wat in die 406 MHz-band uitsend;"**

- (b) in subregulasie (1) die woordomskrywing van “versterkte groepsoproep (VGO)” deur die volgende woordomskrywing te vervang:

“**versterkte groepsoproep (VGO)**” ’n stelsel wat ’n eenvoudige en geautomatiseerde manier bied om marineveiligheidsinligting via satelliet aan boord van skepe te ontvang;”;

- (c) in subregulasie (1) die woordomskrywing van “GMNVS- algemene operateursertifikaat” en “GMNVS- beperkte operateursertifikaat” deur die volgende woordomskrywing te vervang:

“**GMNVS-radio-operateursertifikate**’ ook die—

- (a) GMNVS-Radio-elektronikasertifikaat Eerste Klas;
- (b) GMNVS-Radio-elektronikasertifikaat Tweede Klas; en
- (c) GMNVS- algemene operateursertifikaat,

uitgerek ooreenkomstig die STCW-konvensie, soos gewysig, en die ITU-radioregulاسies;”;

- (d) in subregulasie (1) die omskrywing van “bruto tonnemaat” ná die omskrywing van “brug-tot-brug-kommunikasie” in te voeg:

“**bruto tonnemaat**’ die maat van die algehele grootte van ’n skip bepaal ooreenkomstig die bepalings van die huidige Internasionale Konvensie insake die Tonnemaatberekening van Skepe;”;

- (e) in subregulasie (1) die omskrywing van “internasionale NAVTEX-diens” deur die volgende woordomskrywing te vervang:

“**internasionale NAVTEX-diens**’ die gekoördineerde uitsending en outomatiese ontvangs op 518 kHz, 490 kHz of 4 209 kHz van maritieme veiligheidsinligting deur middel van smalband-regstreeksdruktelegrafie;”;

- (f) in subregulasie (1) die omskrywing van "radio-operateursertifikate" ná die omskrywing van "radiokommunikasiediens" in te voeg:  
"radio-operateursertifikate" ook—  
(a) langreikafstandsertifikaat; en  
(b) kortreikafstandsertifikaat,  
uitgereik ooreenkomstig die ITU-radioregulاسies";
- (g) in subregulasie (1) die omskrywing van "stilteperiode" te skrap;
- (h) in subregulasie (1) die omskrywing van "SeRAS" ná die omskrywing van "skeepstasie" in te voeg:  
"SeRAS' 'n soek-en-redding-antwoordsender wat in die 9 GHz-radarfrekwensieband kan funksioneer";.

### **Wysiging van regulasie 3 van die Regulasies**

### **Vervanging van die opskrif van Deel 2 van die Regulasies**

4. Die opskrif van Deel 2 van die Regulasies word hierby deur die volgende opskrif vervang:

**"SOLAS-VEREISTES".**

### **Wysiging van regulasie 18 van die Regulasies**

5. Regulasie 18 van die Regulasies word hierby gewysig deur—
- (a) subregulasie (1) deur die volgende subregulasie te vervang:  
(1) Behoudens artikel 73(4) van die Wet moet elke skip waarop hierdie Deel van toepassing is, die aantal radio-operateurs aan boord in diens hê wat

vereis word by regulasie 16 van die Handelskeepvaartregulasies (Veilige Bemanning), 1999, soos gewysig, van wie elk 'n persoon moet wees wat gekwalifiseer is vir doeleinades van nood- en veiligheidsradiokommunikasie soos bepaal in subregulasie (2).”;

(b) paragraaf (a) van subregulasie (2) deur die volgende paragraaf te vervang:

“(a) hy of sy, in die geval van 'n seegebied A1-skip, 'n GMNVS- algemene operatorsertifikaat hou wat uitgereik is ooreenkomsdig Artikel 47 van die ITU-radioregulasies;”; en

(c) paragraaf (b) van subregulasie (2) deur die volgende paragraaf te vervang:

“(b) hy of sy, in die geval van 'n seegebied A2-, seegebied A3- of seegebied A4-skip, 'n GMNVS- algemene operatorsertifikaat hou wat uitgereik is ooreenkomsdig Artikel 47 van die ITU-radioregulasies.”.

### **Vervanging van die opskrif van Deel 3 van die Regulasies**

6. Die opskrif van Deel 3 van die Regulasies word hierby deur die volgende opskrif vervang:

**“NIE-SOLAS-VEREISTES”.**

### **Wysiging van regulasie 22 van die Regulasies**

7. Regulasie 22 van die Regulasies word hierby gewysig deur—

(a) subregulasie (1) deur die volgende subregulasie te vervang:

“(1) Elke skip waarop hierdie Deel van toepassing is, moet voorsien wees van 'n BHF-radiotelefooninstallasie wat—

- (i) DSO op frekwensie 156,525 MHz (kanaal 70) kan uitsend en ontvang en wat dit moontlik maak om die uitsending van noodwaarskuwings op kanaal 70 te inisieer vanaf die posisie waarvandaan die skip gewoonlik genavigeer word; en
- (ii) radiotelefonie op frekwensies 156,300 MHz (kanaal 6), 156,650 MHz (kanaal 13) en 156,800 MHz (kanaal 16) kan uitsend en ontvang;
- (iii) 'n DSO-wagdiens op BHF-kanaal 70 kan handhaaf.”;

(b) subregulasie (2) deur die volgende subregulasie te vervang:

“(2) Elke skip waarop hierdie Deel van toepassing is, naamlik—

- (a) 'n passasierskip;
- (b) 'n vragskip van 100 bruto ton of meer;
- (c) 'n vragskip van minder as 100 bruto ton wat 'n vaart verder as 40 seemyl van die kus af onderneem;
- (d) 'n klas B- of klas C-visservaartuig; of
- (e) 'n plesiervaartuig van 100 bruto ton of meer,

moet voorsien wees van—

- (i) 'n MF/HF-radio-installasie wat vir nood- en veiligheidsdoeleindes op alle nood- en veiligheidsfrekwensies in die bande 1 605 kHz en 4 000 kHz en tussen 4 000 kHz en 27 500 kHz kan uitsend en ontvang met behulp van—

- (aa) DSO;
  - (bb) radiotelefonie;
  - (ii) toerusting wat 'n DSO-wagdiens kan handhaaf op frekwensies 2 187,5 kHz, 8 414,5 kHz en minstens een van die DSO-nood- en veiligheidsfrekwensies 4 207,5 kHz, 6 312 kHz, 12 577 kHz of 16 804,5 kHz;
  - (iii) 'n ontvanger wat uitsendings van die internasionale NAVTEX-diens kan ontvang;
  - (iv) 'n satelliet-PANRB van die tipe bedoel in regulasie 10(1)(f)."; en
- (c) subregulasie (3) deur die volgende subregulasie te vervang:
- "(3) Indien radiotoerusting vereis by hierdie Deel in staat is om die skip se posisie outomaties te verstrek wanneer 'n noodwaarskuwing uitgesend word, moet die skip se posisie en die tyd waarop hy in daardie posisie was, vir uitsending deur die radiotoerusting beskikbaar gemaak word—
- (a) vanaf 'n navigasie-ontvanger, indien een geïnstalleer is; of
  - (b) handmatig, met tussenposes van hoogstens vier uur, terwyl die skip ter see is.".

### **Vervanging van regulasie 29 van die Regulasies**

8. Regulasie 29 van die Regulasies word hierby deur die volgende regulasie vervang:

#### **"Gebruik van BHF-radiotefooninstallasie**

**29.** Elke radiotelefoonoperator wat die BHF-DSO-radiotelefooninstallasie gebruik, moet 'n praktiese kennis hê van die bediening van die BHF-DSO-toerusting en 'n algemene kennis van die ITU-radioregulasies rakende BHF-DSO-radiotelefoonkommunikasie, by name die deel van daardie regulasies wat betrekking het op nood-, dringendheids- en veiligheidsprosedures.”.

### **Wysiging van regulasie 30 van die Regulasies**

**9.** Regulasie 30 van die Regulasies word hierby gewysig deur subregulasie (1) deur die volgende subregulasie te vervang:

“(1) Elke skip waarop hierdie Deel van toepassing is, moet op see 'n deurlopende luisterwag op BHF-DSO-kanaal 70 en frekwensie 156,8 MHz (BHF-kanaal 16) op die navigasiebrug handhaaf.”.

### **Wysiging van regulasie 31 van die Regulasies**

**10.** Regulasie 31 van die Regulasies word hierby gewysig deur—

(a) subregulasie (3) deur die volgende subregulasie te vervang:

“(3) 'n Betroubare uurwerk moet stewig op so 'n plek bevestig word dat die volle wyserplaat maklik vanaf die radiotelefoon-bedieningsposisie gesien kan word.”; en

(b) subregulasie (7) te skrap.

**Wysiging van regulasie 32 van die Regulasies**

11. Regulasie 32 van die Regulasies word hierby gewysig deur subregulasie (2) te skrap.

**Vervanging van regulasie 35 van die Regulasies**

12. Regulasie 35 van die Regulasies word hierby deur die volgende regulasie vervang:

**“Radiowagdiens (radiotelefoonskip)**

35. (1) Elke skip waarop hierdie Deel van toepassing is, moet terwyl hy ter see is, 'n DSO-wagdiens handhaaf—

- (a) op BHF-DSO-kanaal 70; of
- (b) op die DSO-nood-en-veiligheidsfrekwensies 2 187,5 kHz of 8 414,5 kHz en op minstens een van die DSO-nood-en-veiligheidsfrekwensies 4 207,5 kHz, 6 312 kHz, 12 577 kHz of 16 804,5 kHz.

(2) Elke skip waarop hierdie Deel van toepassing is, moet, terwyl hy ter see is, 'n radiowagdiens handhaaf vir uitsendings van maritieme veiligheidsinligting op die gepaste frekwensie of frekwensies waarop sodanige inligting uitgesend word vir die gebied waarin die skip vaar.

(3) Elke skip waarop hierdie Deel van toepassing is, moet, terwyl hy ter see en wanneer dit uitvoerbaar is, 'n deurlopende wagdiens op BHF-kanaal 16 handhaaf, welke wagdiens gehandhaaf moet word by die posisie vanwaar die skip gewoonlik genavigeer word.”.

**Vervanging van regulasie 36 van die Regulasies**

13. Regulasie 36 van die Regulasies word hierby deur die volgende regulasie te vervang:

**“Radiotelefoonoperateurs”**

36. Behoudens artikel 73(4) van die Wet moet elke skip waarop hierdie Deel van toepassing is, sodanige aantal paslik gekwalifiseerde radiotelefoonoperateurs aan boord in diens hê as wat in regulasie 16 van die Handelskeepvaartregulasies (Veilige Bemanning), 1999, soos gewysig, bepaal word.”.

**Wysiging van regulasie 38 van die Regulasies**

14. Regulasie 38 van die Regulasies word hierby gewysig deur in subregulasie (3) die volgende paragraaf ná paragraaf (b) by te voeg:

“(c) ’n plesiervaartuig van 100 bruto ton of meer.”.

**Wysiging van regulasie 39 van die Regulasies**

15. Regulasie 39 van die Regulasies word hierby gewysig deur die volgende subregulasie by te voeg:

“(4) ’n Vaartuig wat met vryval-reddingsbote toegerus is, moet ’n soek-en-redning-radarantwoordsender hê wat permanent en stewig daarin gemontereer is.”

**Vervanging van Aanhangsel 1 van die Regulasies**

16. Aanhangsel 1 van die Regulasies word hierby deur die volgende aanhangsel vervang:

**"AANHANGSEL 1**

(Regulasie 10(1)(f))

**SATELLIET-PANRB**

Elke satelliet-PANRB wat by hierdie regulasies vereis word, moet—

- (a) in staat wees om 'n noodwaarskuwing uit te send deur die COSPAS-SARSAT-satellietdiens in die 406 MHz-band;
- (b) op 'n maklik toeganklike plek geïnstalleer wees;
- (c) gereed wees om met die hand losgemaak te word en moet deur een persoon tot in 'n oorlewingsvaartuig gedra kan word;
- (d) vry kan dryf wanneer die skip sink;
- (e) met die hand geaktiveer kan word; en
- (f) outomaties geaktiveer word as dit dryf.”.

**Wysiging van Aanhangsel 2 van die Regulasies**

17. Aanhangsel 2 van die Regulasies word hierby gewysig deur in paragraaf

- (a) van item 3 subparagraph (i) deur die volgende subparagraph te vervang:

“(i) die vermoë daarvan om na behore te funksioneer volgens die vervaardigerspesifikasies, die verval datum van die battery, die

ingeboude magneet en veral die vermoë daarvan om vry te dryf (indien vereis) wanneer die skip sink, te kontroleer;”.

### **Vervanging van Aanhangsel 4 van die Regulasies**

18. Aanhangsel 4 van die Regulasies word hierby deur die volgende aanhangsel vervang:

#### **"AANHANGSEL 4**

(Regulasie 25(4))

### **GEREEDSKAP, TOETSTOERUSTING EN ONDERDELE**

#### *Gereedskap*

1 soetvyl van 15 cm lank

1 lasmes

1 geïsoleerde 18 cm-draadwerkerstang met sykniptang

1 stel skroewedraaiers (platkop en/of Phillips) geskik vir gebruik op die radiotelefoontoerusting

1 skroefsleutel met 'n 25 mm-gaping

1 ystersaag en bypassende reserwelemme

1 sluitbare gereedskapskis of -kas (om bogenoemde gereedskap in te bêre)

#### *Meetinstrumente*

1 hidrometer (nie 'n vereiste nie indien die vaartuig toegerus is met onderhoudsvry batterye)

*Reserwe-onderdele en diverse items*

5 sekerings vir elke tipe en aanslag in gebruik

1 reserwe-gloeilamp vir die noodlig vereis by regulasie 31(4)

250 g petroleumjellie of veeldoelghries

Indien spesiale moere of skroewe vir vashegting gebruik word, moet geskikte gereedskap verskaf word benewens dié hier bo genoem.”.

**Vervanging van Aanhangsel 5 van die Regulasies**

19. Aanhangsel 5 van die Regulasies word hierby deur die volgende aanhangsel vervang:

**“AANHANGSEL 5**

(Regulasie 25(7))

**NIE-SOLAS-TOERUSTINGTOETSE EN BATTERY- EN RESERWE-ENERGIEKONTROLE****1. Daagliks**

- (a) Batterye wat as energiebron vir enige deel van die radio-installasie dien, moet daagliks getoets word en, indien nodig, tot 'n volgelaaiende toestand gebring word.

- (b) Elke drukker moet minstens een maal per dag getoets word om die werkende toestand daarvan te verseker.

2. *Weekliks*

- (a) Vaste radiotoerusting in oorlewingsvaartuie moet, indien dit verskaf is, minstens een maal per week getoets word met behulp van gesikte kunsantennes.
- (b) Batterye wat deel uitmaak van vaste radiotoerusting, indien dit verskaf is, in oorlewingsvaartuie en die tweerigting-radiotefoon vir oorlewingsvaartuie moet weekliks getoets word en, waar nodig, tot 'n volgelaide toestand gebring word. Indien nieherlaaibare batterye as energiebron verskaf word, moet die vervaldatum van die batterye nagegaan en die batterye vervang word, indien nodig.
- (c) Elke item van tweerigting-BHF-radiotoerusting in oorlewingsvaartuie moet minstens een maal per week getoets word op 'n ander frekwensie as 156,8 MHz (BHF-kanaal 16), tensy die toerusting van 'n verseêlde tipe is wat sodanige toetsing onprakties maak.

3. *Maandeliks*

- (a) Elke PANRB moet minstens een maal per maand ondersoek word—  
(i) die vermoë daarvan om na behore te funksioneer volgens die vervaardigerspesifikasies, die batteryvervaldatum en die ingeboude

- magneet en veral die vermoë daarvan om vry te dryf wanneer die skip sink, te kontroleer;
- (ii) te kontroleer hoe stewig dit aan sy montering geheg is;
  - (iii) vir tekens van skade te kontroleer.
- (b) Elke radarantwoordsender moet minstens een maal per maand ondersoek word om te kontroleer hoe stewig dit aan sy montering geheg is, of daar tekens van skade is en wat die batteryvervaldatum is.
- (c) Kontrolering van die toestand van alle batterye wat as energiebron vir enige deel van 'n radio-installasie dien, asook hoe stewig hulle aan hulle monterings geheg is, moet minstens een maal per maand geskied. Die batterykoppelings en -kompartement moet ook nagegaan word.
- (d) Die vaste radiotoerusting van oorlewingsvaartuie moet minstens een maal per maand getoets word met behulp van 'n antenne wat saam met die toerusting verskaf is.
- (e) Die behoorlike funksionering van die DSO-inrigtings moet sonder dat boodskappe uitgestraal word, getoets word met behulp van die middele wat op die toerusting verskaf word.

#### 4. *Jaarliks*

Minstens een maal elke twaalf maande moet die radarantwoordsenders van oorlewingsvaartuie ondersoek en getoets word en, indien nodig, moet die energiebronne daarvan vervang word. Die Owerheid kan hierdie tussenpose tot

hoogstens 17 maande verleng ten einde die ondersoek te laat saamval met 'n opneming van radio-installasies.

5. *Aanteken van uitslag*

Die uitslag van die toetse en kontrolierings wat by hierdie Aanhangsel vereis word, moet in die radiodagboek aangeteken word.”.

**Kort titel en inwerkintreding**

**20.** Hierdie regulasies heet die Handelskeepvaart-wysigingsregulasies (Radio-installasies), 2013, en tree in werking op die datum van die publikasie daarvan.

---

Printed by and obtainable from the Government Printer, Bosman Street, Private Bag X85, Pretoria, 0001

Publications: Tel: (012) 334-4508, 334-4509, 334-4510

Advertisements: Tel: (012) 334-4673, 334-4674, 334-4504

Subscriptions: Tel: (012) 334-4735, 334-4736, 334-4737

Cape Town Branch: Tel: (021) 465-7531

Gedruk deur en verkrygbaar by die Staatsdrukker, Bosmanstraat, Privaatsak X85, Pretoria, 0001

Publikasies: Tel: (012) 334-4508, 334-4509, 334-4510

Advertensies: Tel: (012) 334-4673, 334-4674, 334-4504

Subskripsies: Tel: (012) 334-4735, 334-4736, 334-4737

Kaapstad-tak: Tel: (021) 465-7531