



Everlux[®]

Photoluminescent maritime safety signs

Introduction

Technical properties of photoluminescent safety signs

Quality, Standards & Certification:

④ Everlux® photoluminescent products are manufactured to the highest technical standards using state of the art equipment; thus ensuring we offer the best available photoluminescent quality for safety signs.

④ Everlux® photoluminescent safety signs comply with IMO Resolutions, Solas Convention and ISO Standards.

④ Everlux® products have Type Approval by Lloyd's Register and are MED certified by DNV.

Technical Properties:

Luminance properties			
Applicable Standards and Resolutions/ product	Luminescent intensity (mcd/m ²) (After removing the exciting light)		Period of light decay
	10 minutes	60 minutes	Luminance Intensity greater than a 0.3 mcd/ m ²
DIN 67510-4 (R) (a)	23 mcd/m ²	3 mcd/m ²	...
IMO Res. A.752(18)	15 mcd/m ²	2 mcd/m ²	...
ISO 15370	15 mcd/m ²	2 mcd/m ²	...
④ Everlux® (b)	100 mcd/m ²	10 mcd/m ²	1200 minutes
④ Everlux® (c)	40 mcd/m ²	8 mcd/m ²	1800 minutes

a) class A

b) According to DIN 67510 measurement protocol;

c) According to ISO 15370 measurement protocol.

Photoluminescent signs: Photoluminescent rigid plastic 1.2 ± 0.1mm thickness and self-adhesive photoluminescent vinyl.

Printing: Serigraphy, high quality gloss paint with UV resistance and an indoor durability in excess of 5 years.

Fire resistance: Flame retardant according to IEC 60092-101: 2002 and IMO FTPC Part 5 (IMO Res. A.653(16)).

Surface: Antistatic and easy to clean.

Chemical characteristics: Non-radioactive, non-phosphorous, lead-free and non-poisonous.

Safety signage is a language comprised of pictorial graphics, shapes and colors.

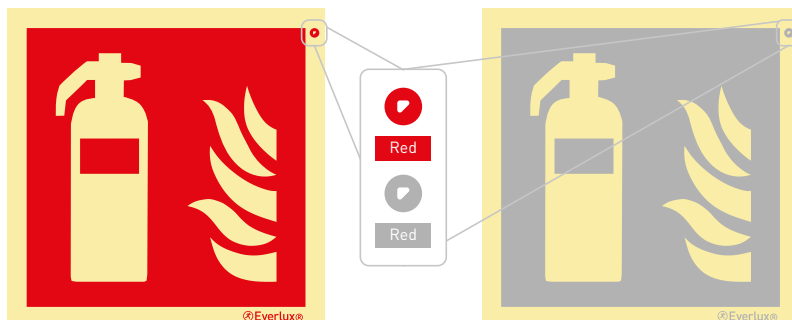


Color should be for everyone!

... and because colors are determinant in safety signs, ④ Everlux® has associated with ColorAdd - the color identification system for colorblind people.

ColorAdd is a project which was developed with the goal of allowing colorblind people to correctly identify each color and therefore to contribute for their social integration whilst making communication more effective, responsible and inclusive. ColorAdd is an extremely intuitive symbolic language that uses the primary colors and their combination to create the entire colors/codes palette.

By including the ColorAdd system, the ④ Everlux® catalogue allows colorblind people to fully comprehend all the components of safety signs.



COLORS | SYMBOLS



LIGHT TONES



WHITE | BLACK | GREY



GOLD/ SILVER



DARK TONES



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How to order

All ④ Everlux® and ⑤ Everlux® LLL signs have a unique 5 digit code.

To order you need to indicate the following:

- 1.The product code;
- 2.The size (mm);
- 3.The type of sign (see page 5). If not indicated we will supply Type 1;
- 4.The material of the sign. Most of the ④ Everlux® signs are available in photoluminescent rigid plastic (F) and photoluminescent self-adhesive vinyl (Z). There are several product ranges with different base materials. The complete list of sign base materials is: F - photoluminescent rigid plastic; Z - self-adhesive vinyl; O - white rigid plastic; V - white self-adhesive vinyl; VT - transparent self-adhesive vinyl PC - non-slip self-adhesive photoluminescent polycarbonate; T - aluminium composite; TA - transparent acrylic; FA - frosted acrylic; and SS - stainless steel.

(*)Example:



(mm)
300x100
400x120

S 03 75


(*) The sign on this example is available in the following sizes 300x100 and 400x120; in Type 1, 2 or 3; and in photoluminescent rigid plastic and self-adhesive photoluminescent vinyl.

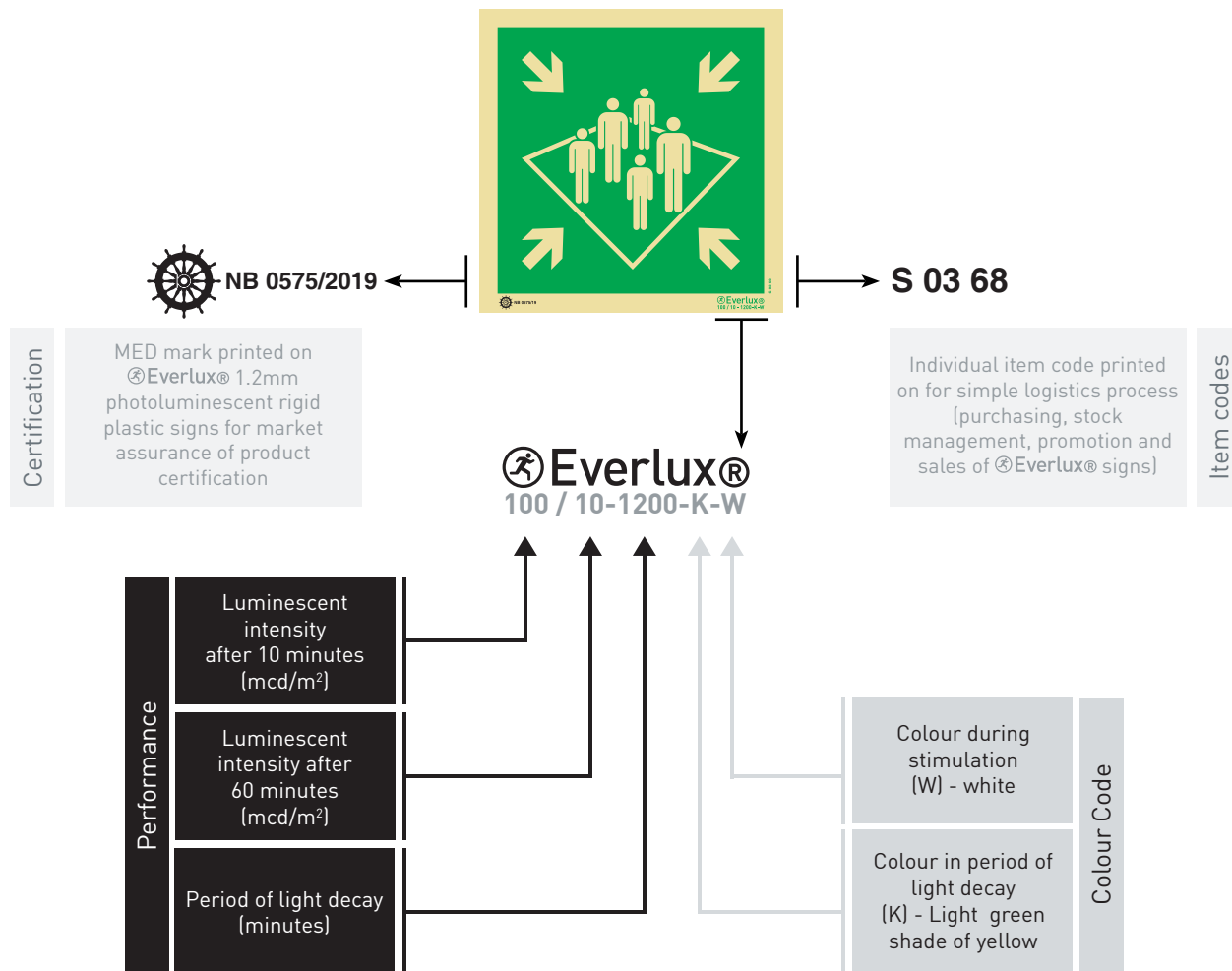
To order the above sign in 400x120, Type 1 and in photoluminescent rigid plastic you order: S 03 75 – 400x120 – Type 1 - F. It is also possible to order by IMPA or ISSA codes. Please refer to the cross reference guide on pages 97 – 102 to find the equivalent ④ Everlux® item code.

Introduction

Sign performance and technical properties

Technical guarantees for the market

The photoluminescent properties and performance values are printed on all  Everlux® signs as per ISO and DIN Standards requirements. This provides consumers with the correct information and a guarantee of high quality. Please see the following example:



This brings the signs into alignment with other safety equipment where technical information is provided on the apparatus, e.g. extinguishers.

On all  Everlux® photoluminescent safety signs the technical properties are printed and illustrate their performance as per ISO and DIN Standards requirements. This helps specifiers and consumers to make informed decisions about the signs to be used.

The quality of  Everlux® safety signs is ensured by maintaining a continuous quality control system. All  Everlux® photoluminescent products have the Lloyd's Register Type Approval Certificate



and are certified by DNV according to MED.



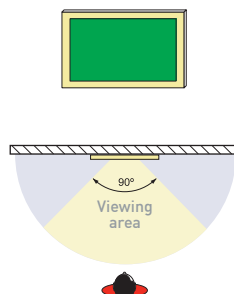
The method of measuring the luminance performance according to ISO and DIN Standards is carried out in the laboratory, where all measuring equipment is calibrated by an accredited and independent official entity.

Different types of application - various alternatives for mounting signs

For an adequate use of signs they must be mounted according to the appropriate viewing angle.

Type 1 (single-sided)

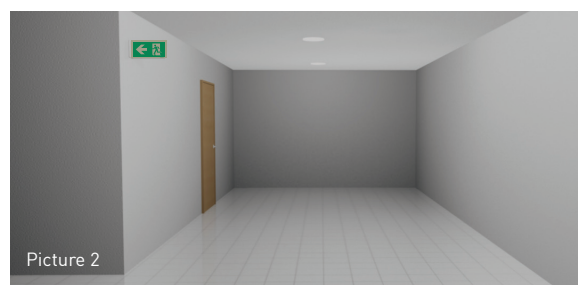
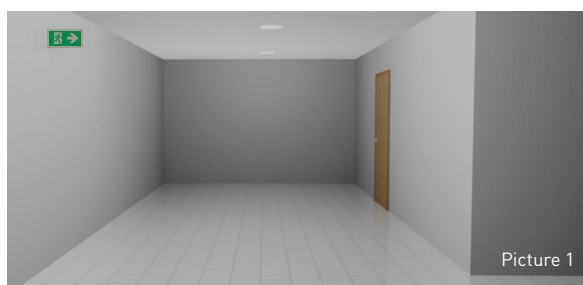
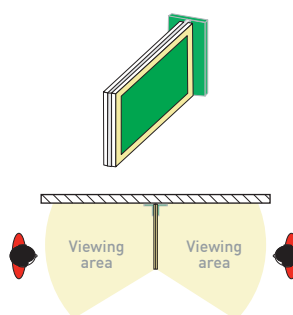
Parallel wall mounted sign.



Type 2 (double-sided)

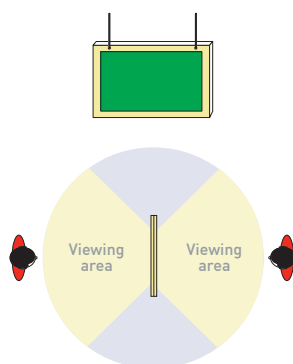
The signs are mounted perpendicularly to the wall by means of a flexible bracket. The bracket consists of a strip that enables the installation of double-sided signs in any location and was developed with the aim of allowing the sign to swing through 180° (+90° and -90°) without breaking.

Note: The bracket is always mounted to the left hand side of the sign, i.e.: Picture 1 - code S 04 21 Type 2; and in Picture 2 - code S 04 26 Type 2.



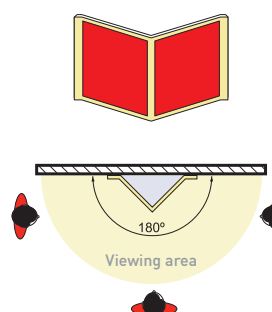
Type 3 (double-sided)

A Type 3 suspended double-sided sign is to be hung from the ceiling. The sign is supplied with holes drilled in the top corners which allow the appropriate fixings to be used (fixings not supplied).



Type P (panoramic signs)

The sign with the greatest visibility. These signs are printed on both exterior surfaces and guarantee a viewing angle of 180°.



Introduction


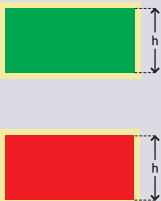
Sizes and viewing distances

The size of the sign is defined by the maximum viewing distance from which the sign is understandable. According to ISO 3864-1: 2011, the viewing distance at which a sign of a particular size is conspicuous and comprehensible depends on the illumination of the sign.

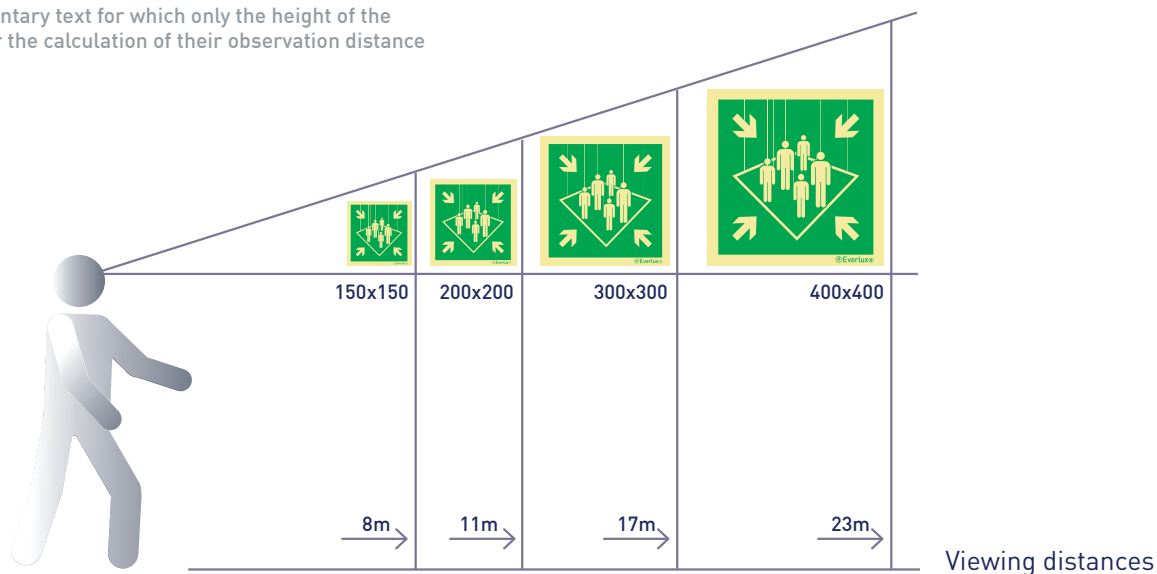
$$l = z_0 \times h$$

Where: z_0 - is the distance factor;
 h - is the height of the sign (mm).
 l - is the observation distance (m);

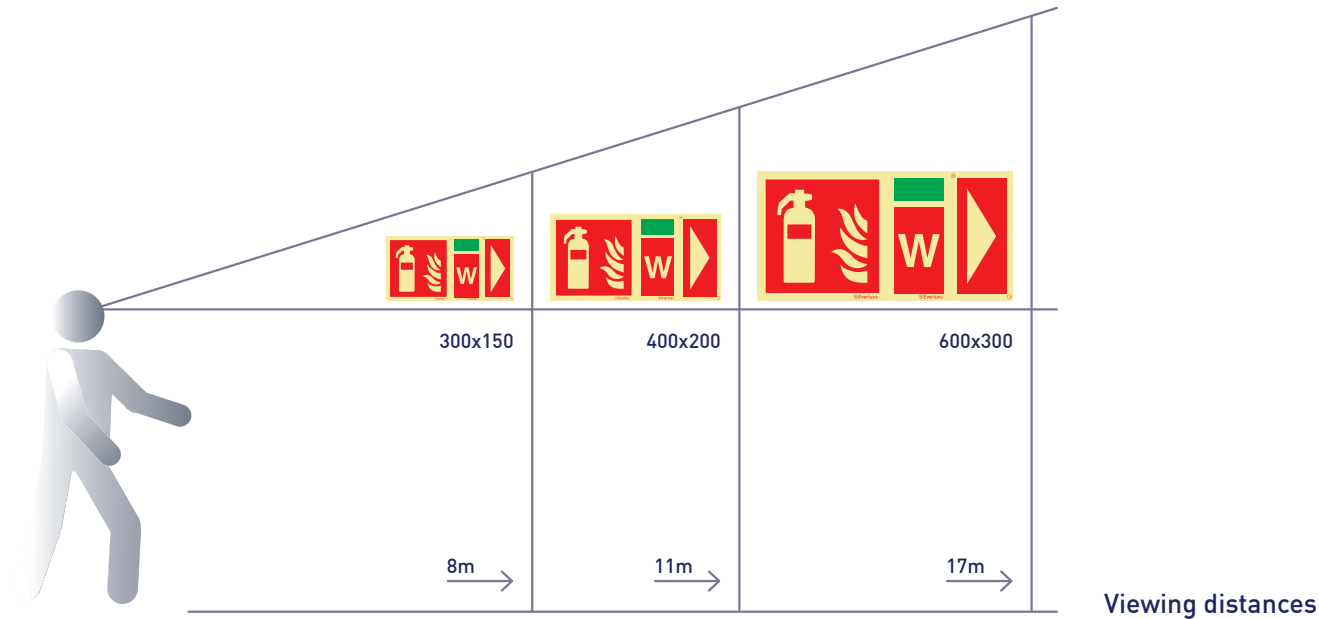
Life-saving and emergency equipment, escape route and fire fighting equipment signs

Geometric Shape	Meaning	Everlux® sign sizes (mm)	h height of the sign (mm)	l observation distance (m)
	$(z_0=60)$	100x100	80	5
		150x150	131	8
		200x200	180	11
		300x300	278	17
		400x400	376	23
	Escape Route and Fire Fighting Equipment Signs $(z_0=60)$	150x50	36	2
		150x75	55	3
		200x50	36	2
		200x70	55	3
		200x100	80	5
		300x70	57	3
		300x100	80	5
		300x150	129	8
		400x100	78	5
		400x120	98	6
		400x150	129	8
		400x200	180	11
		450x150	129	8
		600x150	129	8
		600x200	180	11
		600x300	276	17
		150x200 (*)	129	8
		200x300 (*)	180	11
		300x400 (*)	276	17

(*) Signs with complementary text for which only the height of the pictogram is relevant for the calculation of their observation distance



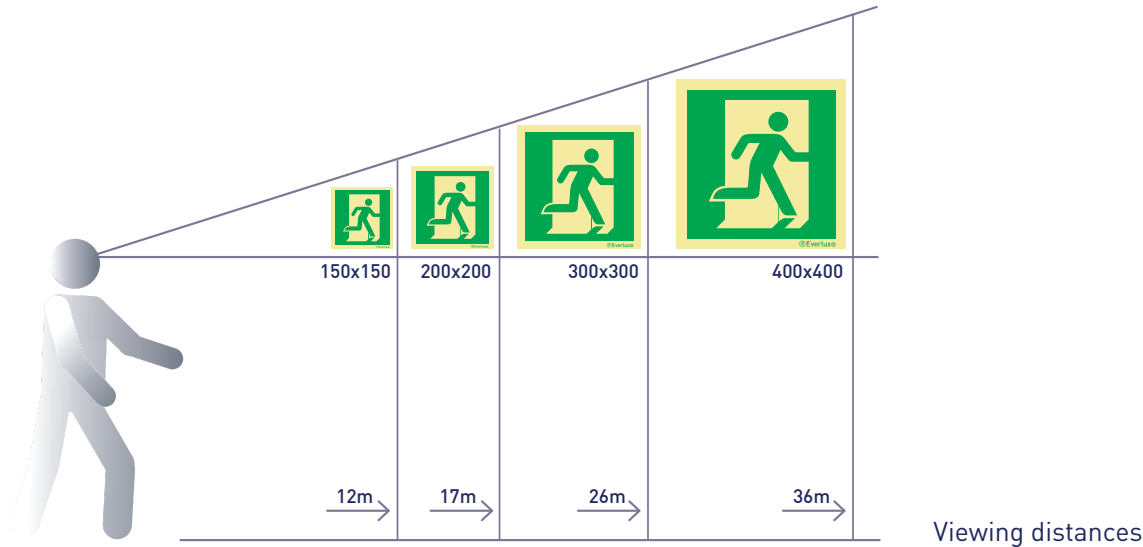
Life-saving and emergency equipment, escape route and fire fighting equipment signs



Exception signs

Geometric Shape	Meaning	 Everlux® sign sizes (mm)	h height of the sign (mm)	l observation distance (m)
	$z_0=95$ for S 04 61 and S 04 62 signs as per ISO 7010: 2011	150x150	129	12
		200x200	180	17
		300x300	278	26
		400x400	376	36

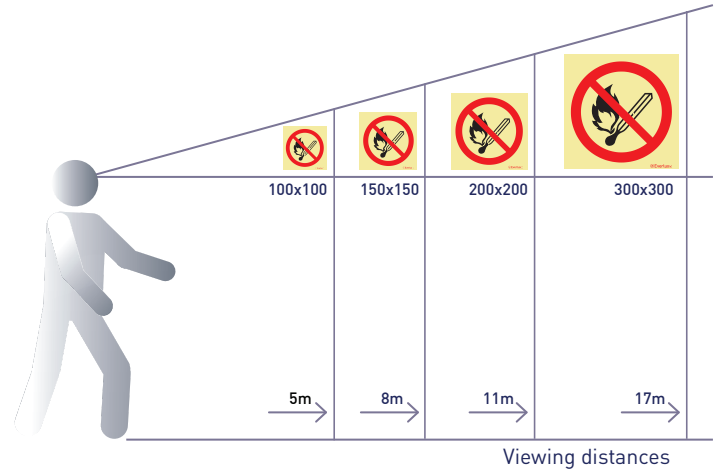
Note: The distance factor (z_0) is assumed as a general value of 60 as defined by ISO 3864-1:2011. For ISO 7010 - S 04 61 and S 04 62 emergency exit signs the recommended value of z_0 is 95 considering an illuminance range between 5 and 100 lux. Over the illuminance range up to about 100 lux, z_0 increases according to ISO 3864-1:2011.



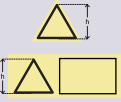
Introduction

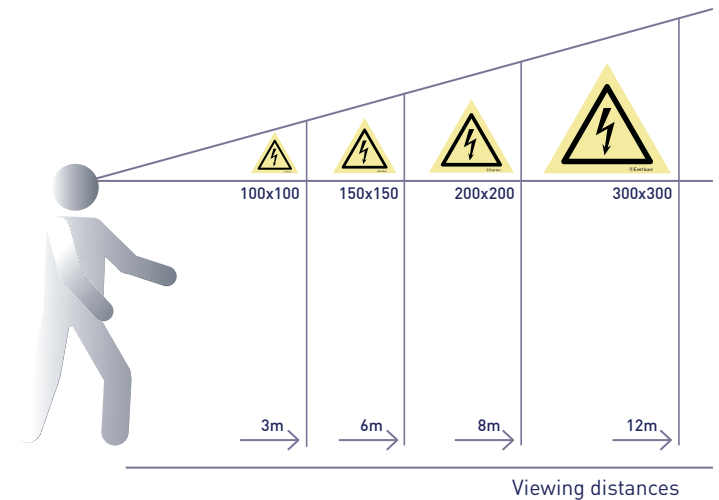
Mandatory and prohibition action signs

Geometric Shape	Meaning	Everlux® sign sizes (mm)	h height of the sign (mm)	l observation distance (m)
	Prohibition and Mandatory Action Signs ($z_0=60$)	100x100	80	5
		150x150	131	8
		200x200	180	11
		300x100	80	5
		300x300	278	17
		400x150	131	8
		400x400	376	23



Hazard signs

Geometric Shape	Meaning	Everlux® sign sizes (mm)	h height of the sign (mm)	l observation distance (m)
	Hazard Signs ($z_0=60$)	base 100	56	3
		base 150	94	6
		base 200	130	8
		base 300	193	12
		base 400	264	16
		300x100	80	5
		400x150	113	7



IMO Resolution A.1116(30), adopted on 5 December 2017 – Escape Route Signs and Equipment Location Markings.











In sequence to the 2016 IMO MSC.1/Circ.1553 Shipboard escape route signs and emergency equipment location markings which invited Contracting Governments to start implementing safety signs as per ISO 24409-2:2014 on a voluntary basis, IMO Resolution A.1116(30) adopts these escape route signs and equipment location markings.

The adoption of ISO's symbols by IMO is a step forward to the needed standardization of the international symbols to indicate the location of emergency equipment to people who travel and work on-board ships and other marine installations.

IMO Resolution A.1116(30), adopted on 5 December 2017 – Escape Route Signs and Equipment Location Markings is effective for ships constructed on or after 1 January 2019 and for ships which undergo repairs, alterations, modifications and outfitting on or after that date.


The examples below illustrate some of the changes on safety signs that the adoption of IMO Resolution A.1116(30) entail:

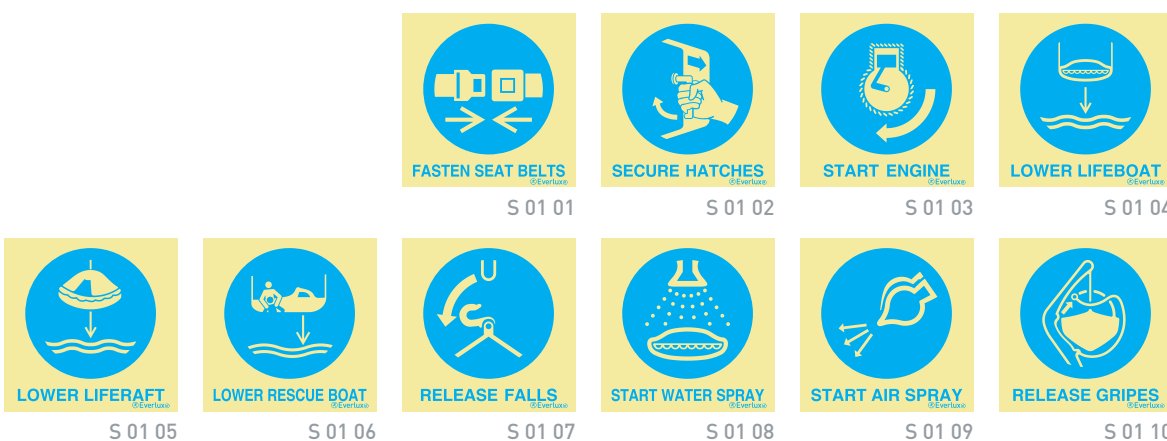
Everlux® have been working on the inclusion of these signs as standard catalogue signs since the publication of ISO 24409-2:2014 Ships and marine technology – Design, location and use of shipboard safety signs, safety-related signs, notices and safety markings – Part 2: Catalogue.


IMO SYMBOL PRIOR TO IMO RES. A.1116(30) ADOPTION	IMO SYMBOL POST TO IMO RES. A.1116(30) ADOPTION
	
	
	
	
	

Life-saving appliance IMO signs - according to SOLAS Convention (Chap. III Reg. 9.2.3.) and ISO 24409



 (mm)
150x150
200x200
300x300



 (mm)
150x150
200x200
300x300

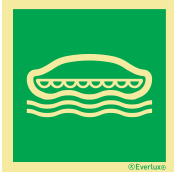
Signs with symbols and supplementary text

Life-saving appliances

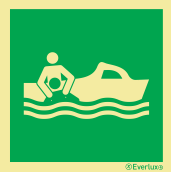
Life-saving appliance signs - according to IMO Resolution A.760 (18), ISO 17631 and ISO 24409



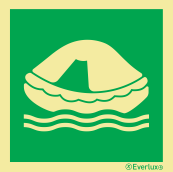
(mm)
150x150
200x200
300x300



S 02 01



S 02 02



S 02 03



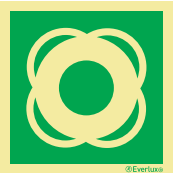
S 02 04



S 02 05



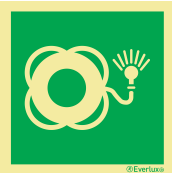
S 02 06



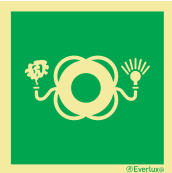
S 02 07



S 02 08



S 02 09



S 02 10



S 02 11



S 02 12



S 02 13



S 02 14



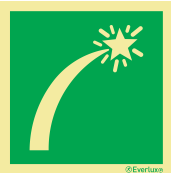
S 02 15



S 02 16



S 02 17



S 02 18



S 02 19



S 02 20



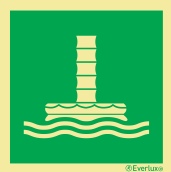
S 02 21



S 02 22



S 02 23



S 02 24



S 02 25



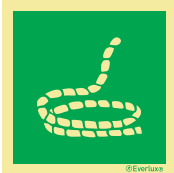
S 02 26



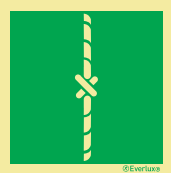
S 02 27



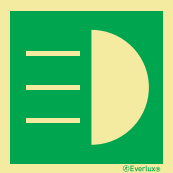
S 02 28



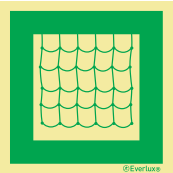
S 02 29



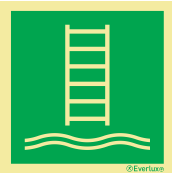
S 02 30



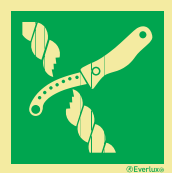
S 02 31



S 02 32



S 02 33



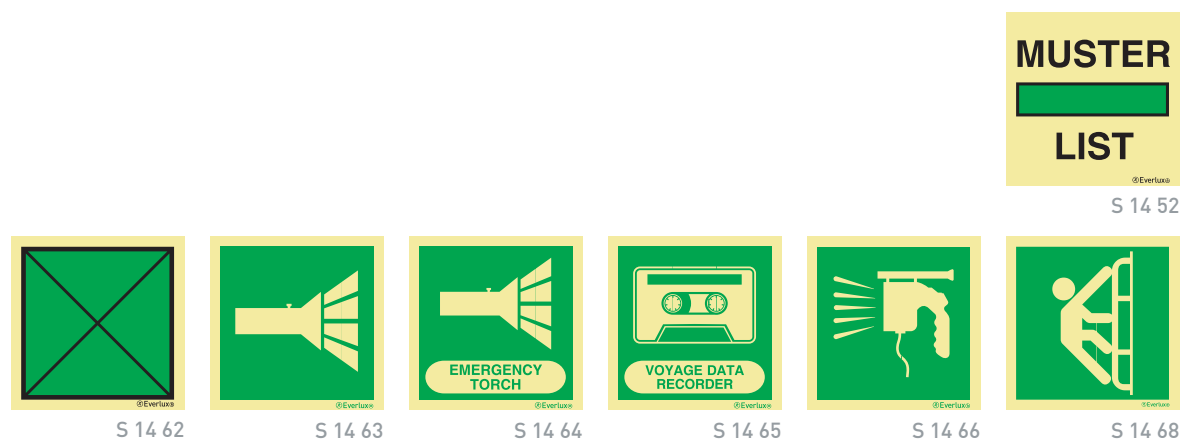
S 14 67

Life-saving appliance signs - according to IMO Resolution A.760 (18), ISO 17631 and ISO 24409



(mm)
150x150
200x200
300x300

Non-standard Life-saving appliance IMO signs



(mm)
150x150
200x200
300x300

Life-saving appliances

Emergency equipment signs

Emergency equipment must be installed on board and their location should be clearly signed for quick identification in case of need. For example, the automated external defibrillators (AED) are being increasingly used as means of assistance to victims of cardiac arrest. Several countries already provide that AED be used on board. The MCA - Maritime and Coastguard Agency - recommends that UK-flagged ships carry AED (MGN 297 (M)); whilst in Germany, the use of AED in some German-flagged ships is mandatory according to Ordinance for the Medical Care on Seagoing Vessels, issued by the BG for Transport and Traffic, and to Guideline No. 3, issued by the Sanitation Ship Committee of German Federal States.

Since the chance of survival for cardiac arrest victims significantly increases with a prompt response, the quick identification of AED equipment is vital. The identification of these equipments must be made using photoluminescent signs.

(mm)

150x150

200x200

300x300

400x400



S 03 01



S 03 02



S 03 03



S 03 04



S 03 05



S 03 06



S 03 07



S 03 08



S 03 09



S 03 10



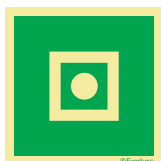
S 03 11



S 03 21



S 03 12



S 03 13



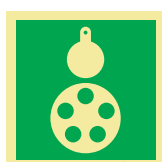
S 03 14



S 03 15



S 03 16



S 03 17



S 03 18



S 03 19



S 03 20



S 03 23

(mm)

300x100

400x150



S 03 31



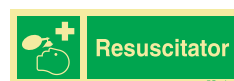
S 03 32



S 03 33



S 03 34



S 03 35



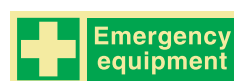
S 03 36



S 03 37



S 03 38



S 03 39



S 03 40



S 03 41



S 03 42



S 03 43



S 03 44



S 03 45



S 03 46



S 03 47



S 03 48



S 03 49



S 03 50



S 03 51



S 03 52



S 03 53



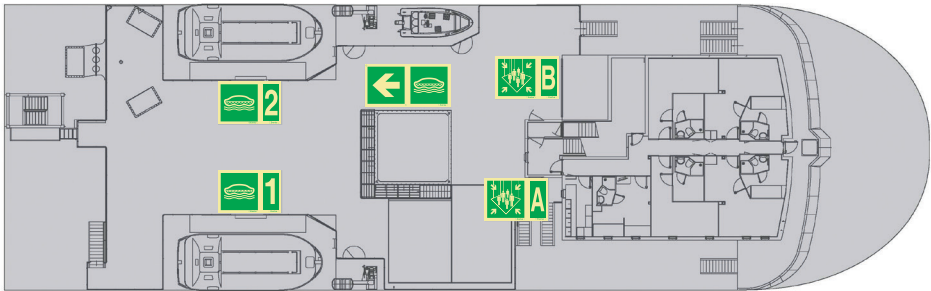
S 03 54



S 03 55

Muster Station and Embarkation Station signs

The objective of the escape route signing system is to ensure that a sign or a series of signs is provided and placed so that a person is directed along the escape route from any space within a ship or a marine installation towards an assembly station or embarkation station. The signing system should be designed based on the means of escape plan, assembly station plan, and lifesaving plan. It should provide simple information that will make it easy to identify the means of escape provisions, allow people to escape with minimum assistance and avoid possible points of confusion.



S 03 61

S 03 62

S 03 63

S 03 64

S 03 65

S 03 68

(mm)
150x150
200x200
300x300
400x400

S 03 71

S 03 72

S 03 73

S 03 74

S 03 75

S 03 76

S 03 77

S 03 78

S 03 79

S 03 80

S 03 81

S 03 82

S 03 83

S 03 84

S 03 85

S 03 86

S 03 87

S 03 88

(mm)
300x100
400x120

As illustrated above, whenever the assembly stations are in a different location of the embarkation stations, the signing system should include egress route identification signs marking unambiguously the evacuation route from the assembly stations to the embarkation stations. This should be done with the adequate survival craft directional signs.

S 03 89

S 03 90

S 03 91

S 03 92

S 03 93

S 03 94

S 03 95

S 03 96

S 03 97

S 03 98

(mm)
300x100
400x120

Escape route signs

Deck and Stair identification signs



(mm)
300x100
400x150
600x200



S 04 15



S 04 16

Number and letter supplementary signs for marking life-saving appliances and for other identification requirements

(mm)
75x150
100x200
150x300
200x400



S 04 01

...



S 04 09



S 04 00



S 04 1A

...



S 04 1Y



S 04 1Z



S 04 10



S 04 11

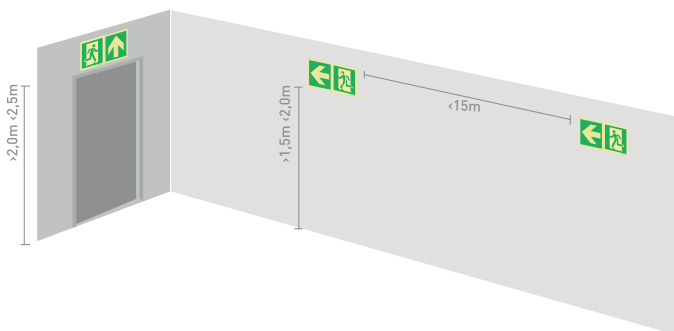


S 04 12

Escape route signs according to ISO 24409 and EN ISO 7010

Escape route signs take priority over any other signs. These should be installed at consistent intervals of up to 15m in order to make it easier for evacuees to predict the location of the next evacuation sign. Escape route signs should be installed at the center line over the doors at a height between 2.0m and 2.5m from the deck to the base of the sign in order to assure visibility from any foot traffic area. The escape route signs that are to be installed on bulkheads should be installed between 1.5m and 2.0m. As far as it is possible, installation heights should be kept throughout the escape route.

(mm)
300x150
400x200
600x300



S 04 21



S 04 22



S 04 23



S 04 24



S 04 25



S 04 26



S 04 27



S 04 28



S 04 29



S 04 30

Escape route signs

Escape route signs according to ISO 24409 and EN ISO 7010



S 04 35

S 04 36

(mm)
300x100
400x150
600x200



S 04 37

S 04 38

S 04 39

S 04 40



S 04 41

S 04 42

S 04 43

S 04 44



S 04 45

S 04 46

S 04 47

S 04 48



S 04 51

S 04 52





S 04 53

S 04 54

S 04 55

S 04 56

(mm)
300x150


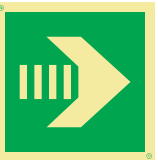






S 04 61

S 04 62

S 04 63

(mm)
150x150
200x200
300x300
400x400



S 04 64

S 04 65

S 03 64

S 03 65

S 03 66

S 03 67

Escape route signs for people with reduced mobility



S 04 71


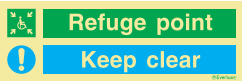


S 04 72

[*] S 04 75

[*] S 04 76

(mm)
150x150
[*] 150x200
200x200
[*] 200x300
300x300

[*] Only available in this size







[*] S 04 91

[*] S 04 92

[*] S 04 93

(mm)
[*] 300x100
300x150
[*] 400x150
400x200
[*] 600x200
600x300

[*] Only available in this size







S 04 81

S 04 82

S 04 83

S 04 84



S 04 85

S 04 86

S 04 87

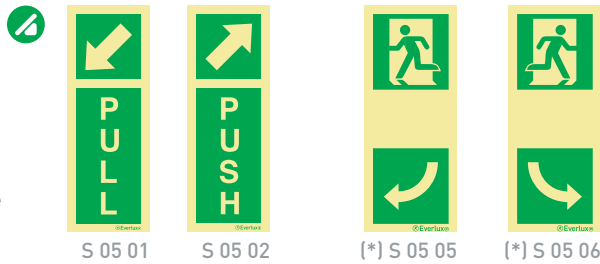
S 04 88

Escape route signs

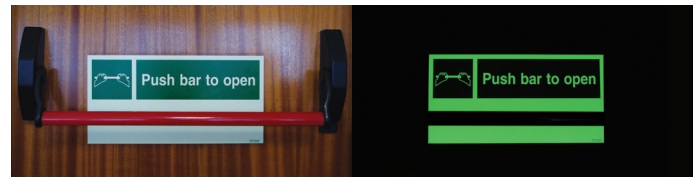
Escape door mechanism signs

(mm)
70x200
100x240(*)
100x300

(*) Only available
in this size

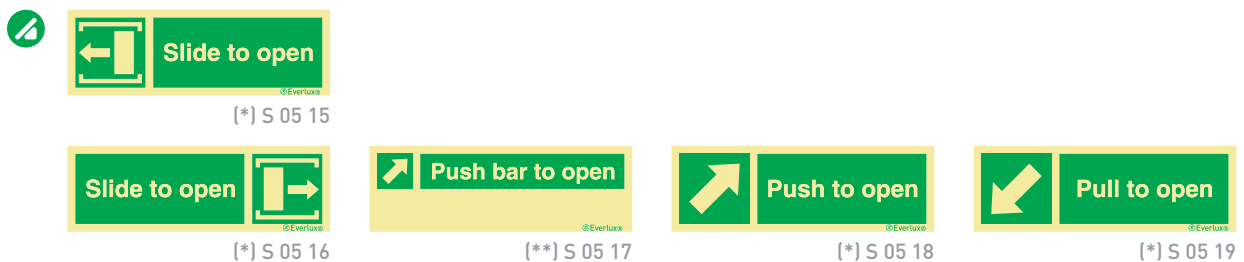


(mm)
300x150
400x200
600x300



(mm)
200x70(*)
300x100
400x120
600x200(**)

(*) (**) Also available
in this size



(mm)
200x50
300x70
400x100



(mm)
100x100(*)
150x150
200x200
300x300
400x400(**)

(*) (**) Also available
in this size



(mm)
200x70
300x100
400x120



(mm)
150x200
200x300
300x400



IMO fire control signs - according to IMO Resolution A.654 (16)



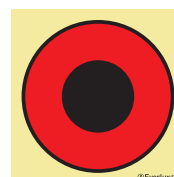
Safety and operating instructions for trained personnel (SIS) - As per ISO 24409, SIS signs are safety-related signs that replicate the symbols used in the Fire Control Plans and are used to provide safety and operational instructions for trained personnel that can be either crew members or external personnel that may need to come on-board.



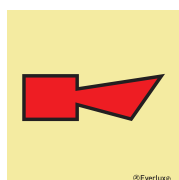
(mm)
150x150
200x200



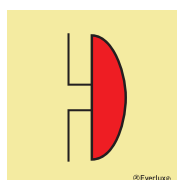
S 10 01
Fire control plan



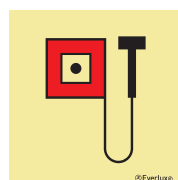
S 10 02
Push-button/ switch for fire alarm



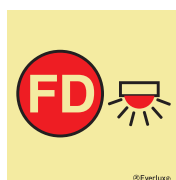
S 10 03
Horn fire alarm



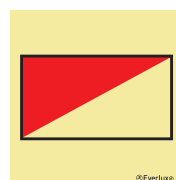
S 10 04
Bell fire alarm



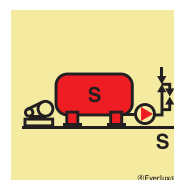
S 10 05
Manually operated call point



S 10 06
Space protected by automatic fire alarm



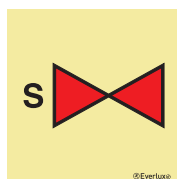
S 10 07
Fire alarm panel



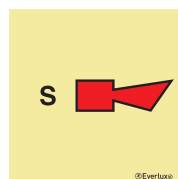
S 10 08
Sprinkler installation



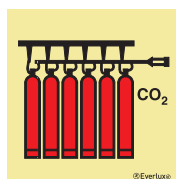
S 10 09
Space protected by sprinkler



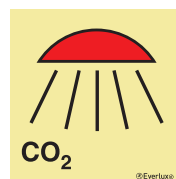
S 10 10
Sprinkler section valve



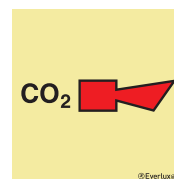
S 10 11
Sprinkler horn



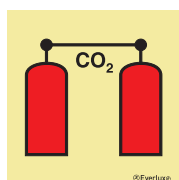
S 10 12
CO2 battery



S 10 13
Space protected by CO2



S 10 14
CO2 horn



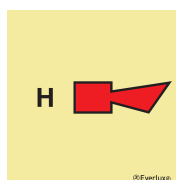
S 10 15
CO2 release station



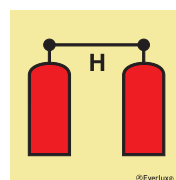
S 10 16
Halon 1301 battery



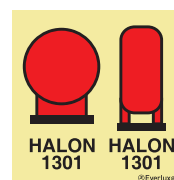
S 10 17
Space protected by halon 1301



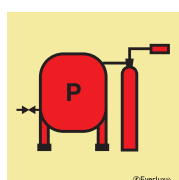
S 10 18
Halon horn



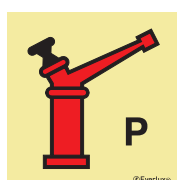
S 10 19
Halon release station



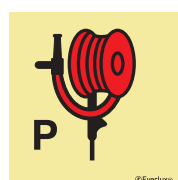
S 10 20
Halon 1301 bottles placed in protected area



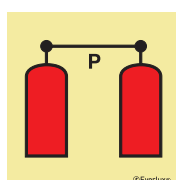
S 10 21
Powder installation



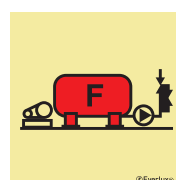
S 10 22
Powder monitor (gun)



S 10 23
Powder hose and handgun



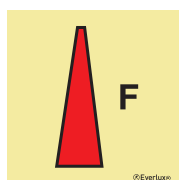
S 10 24
Powder release station



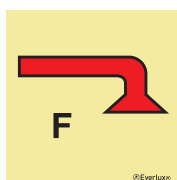
S 10 25
Foam installation



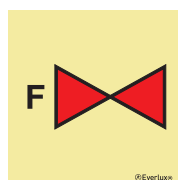
S 10 26
Foam monitor (gun)



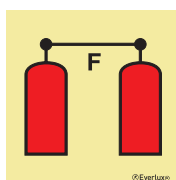
S 10 27
Foam nozzle



S 10 28
Space protected by foam



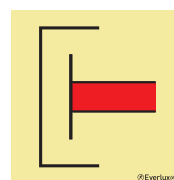
S 10 29
Foam valve



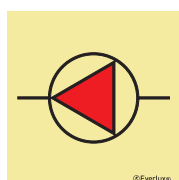
S 10 30
Foam release station



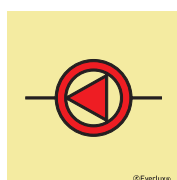
S 10 31
Hose box with spray/jet fire nozzle



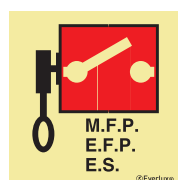
S 10 32
International shore connection



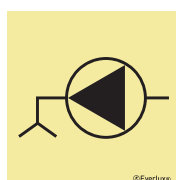
S 10 33
Fire pump



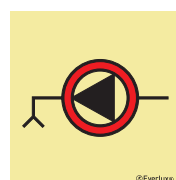
S 10 34
Emergency fire pump



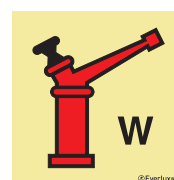
S 10 35
Remote control fire pumps or emergency switches



S 10 36
Bilge pump



S 10 37
Emergency bilge pump



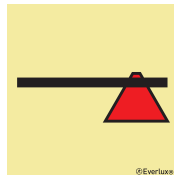
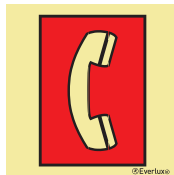
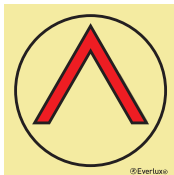
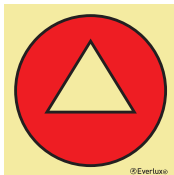
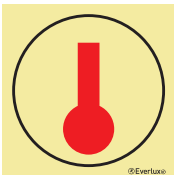

S 10 38
Water monitor (gun)



IMO fire control signs - according to IMO Resolution A.654 (16)

(mm)
150x150
200x200

S 10 39 Water fog applicator	S 10 40 Drenching installation	S 10 41 Fire mains with fire valves	S 10 42 Section valves drenching system	S 10 43 Powder portable fire extinguisher - 6Kg	S 10 44 Foam portable fire extinguisher - 9L
S 10 45 Halon 1211 portable fire extinguisher - 4Kg	S 10 46 CO2 portable fire extinguisher - 2Kg	S 10 47 Powder fire extinguisher - 2Kg	S 10 48 Powder fire extinguisher - 1Kg	S 10 49 Powder wheeled fire extinguisher - 50Kg	S 10 50 CO2 wheeled fire extinguisher - 30Kg
S 10 51 Fire damper in vent duct	S 10 52 Fire station	S 10 53 Locker with fireman's outfit	S 10 54 Locker with additional breathing apparatus	S 10 55 Locker for protective clothing	S 10 56 Primary means of escape
S 10 57 Secondary means of escape	S 10 58 Space protected by drenching system	S 10 59 A class division	S 10 60 B class division	S 10 61 Remote controlled skylights	S 10 62 Remote controlled fuel/ lubricating oil valves
S 10 63 Control station	S 10 64 Portable foam applicator	S 10 65 Inert gas installation	S 10 66 High expansion foam supply trunk	S 10 67 CO2 / nitrogen bulk installation	S 10 68 Emergency generator
S 10 69 A class fire door	S 10 70 A class sliding fire door	S 10 71 A class fire door self-closing	S 10 72 A class sliding door self-closing	S 10 73 B class fire door	S 10 74 B class sliding fire door
S 10 75 B class fire door self-closing	S 10 76 B class sliding fire door self-closing	S 10 77 Closing appliance for exterior ventilation inlet or outlet	S 10 78 Emergency switchboard	S 10 79 Remote ventilation shut off	S 10 80 Main vertical zone

IMO fire control signs - according to IMO Resolution A.654 (16)





(mm)
150x150
200x200

S 10 81
Smoke detector

S 10 82
Heat detector

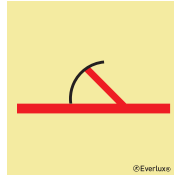
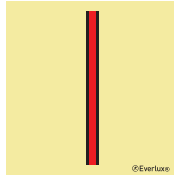
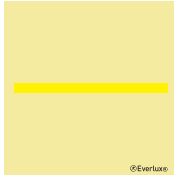
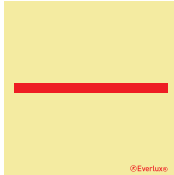
S 10 83
Gas detector



S 10 84
Flame detector

S 10 85
Emergency telephone station

S 10 86
Fire axe

IMO fire control signs - according to IMO Resolution A.952 (23), ISO 17631 and ISO 24409





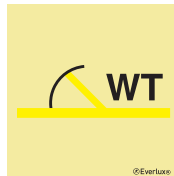
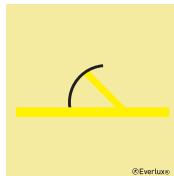
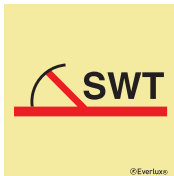
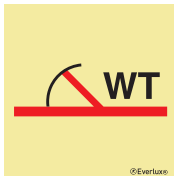
(mm)
150x150
200x200



S 12 01
A-class division

S 12 02
B-class division

S 12 03
Main vertical zone

S 12 04
A-class hinged fire door



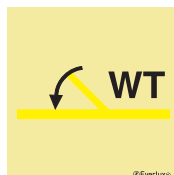
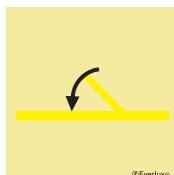
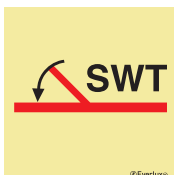
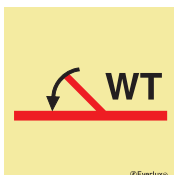
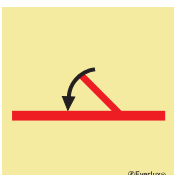





S 12 05
A-class watertight fire door

S 12 06
A-class semi-watertight fire door

S 12 07
B-class hinged fire door

S 12 08
B-class watertight fire door





S 12 09
B-class semi-watertight fire door

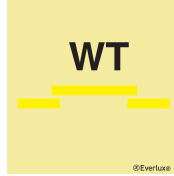
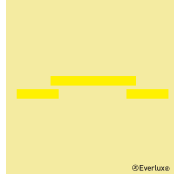
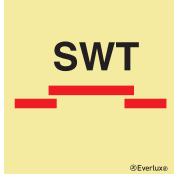
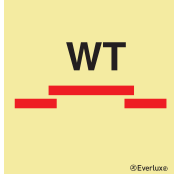
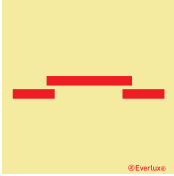
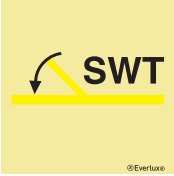
S 12 10
A-class hinged self-closing fire door



S 12 11
A-class watertight self-closing fire door

S 12 12
A-class semi-watertight self-closing fire door

S 12 13
B-class hinged self-closing fire door

S 12 14
B-class watertight self-closing fire door





S 12 15
B-class semi-watertight self-closing fire door

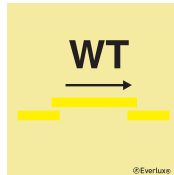
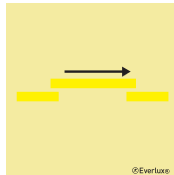
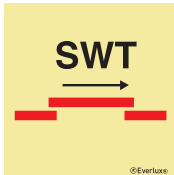
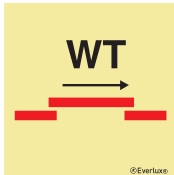
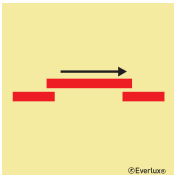
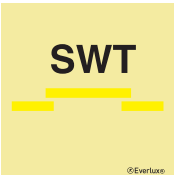
S 12 16
A-class sliding fire door



S 12 17
A-class watertight sliding fire door

S 12 18
A-class semi-watertight sliding fire door

S 12 19
B-class sliding fire door

S 12 20
B-class watertight sliding fire door





S 12 21
B-class semi-watertight sliding fire door

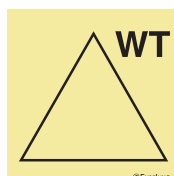
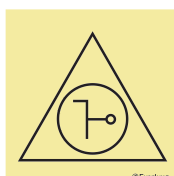
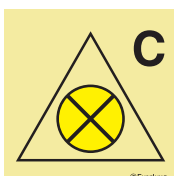

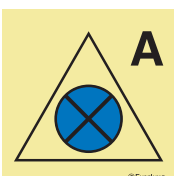
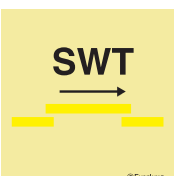
S 12 22
A-class self-closing sliding fire door



S 12 23
A-class self-closing watertight sliding fire door

S 12 24
A-class self-closing semi-watertight sliding fire door

S 12 25
B-class self-closing sliding fire door

S 12 26
B-class self-closing watertight sliding fire door





S 12 27
B-class self-closing semi-watertight sliding fire door

S 12 28
Ventilation remote control shut-off for accommodation and service spaces

S 12 29
Ventilation remote control shut-off for machinery spaces

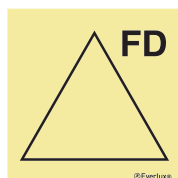
S 12 30
Ventilation remote control shut-off for cargo spaces

S 12 31
Remote control for skylight

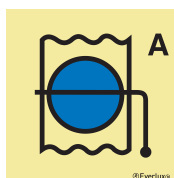
S 12 32
Remote control for watertight doors

IMO fire control signs - according to IMO Resolution A.952 (23), ISO 17631 and ISO 24409

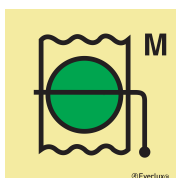
(mm)
150x150
200x200



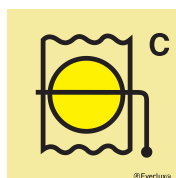
S 12 33
Remote control for fire doors



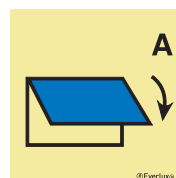
S 12 34
Fire damper for accommodation and service spaces



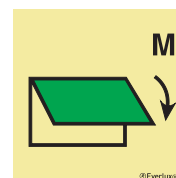
S 12 35
Fire damper for machinery spaces



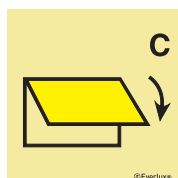
S 12 36
Fire damper for cargo spaces



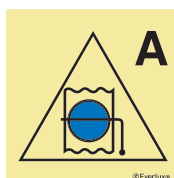
S 12 37
Closing device for ventilation inlet or outlet for accommodation and service spaces



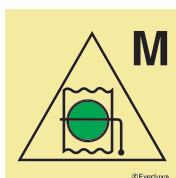
S 12 38
Closing device for ventilation inlet or outlet for machinery spaces



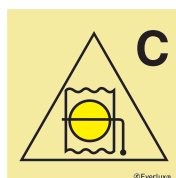
S 12 39
Closing device for ventilation inlet or outlet for cargo spaces



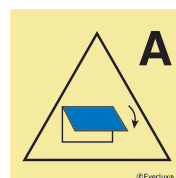
S 12 40
Remote control for fire damper(s) for accommodation and service spaces



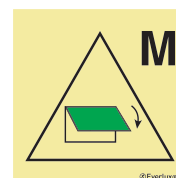
S 12 41
Remote control for fire damper(s) for machinery spaces



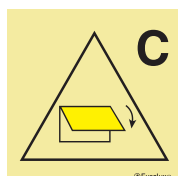
S 12 42
Remote control for fire damper(s) for cargo spaces



S 12 43
Remote control for closing device(s) for ventilation inlet and outlet for accommodation and service spaces



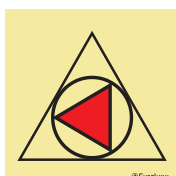
S 12 44
Remote control for closing device(s) for ventilation inlet and outlet for machinery spaces



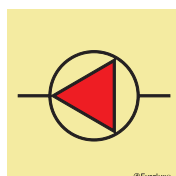
S 12 45
Remote control for closing device(s) for ventilation inlet and outlet for cargo spaces



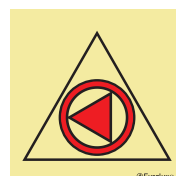
S 12 46
Fire protection appliances or structural fire protection plan



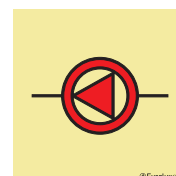
S 12 47
Remote control for fire pump(s)



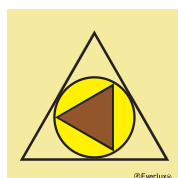
S 10 33
Fire pump(s)



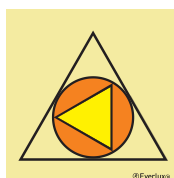
S 12 49
Remote control for emergency fire pump or fire pump supplied by the emergency source of power



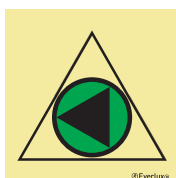
S 10 34
Emergency fire pump



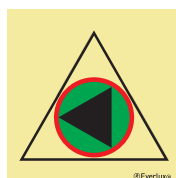
S 12 51
Fuel pump(s) remote shut-off



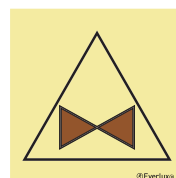
S 12 52
Lube oil pump(s) remote shut-off



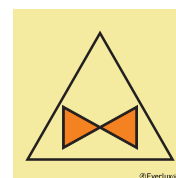
S 12 53
Remote control for bilge pump(s)



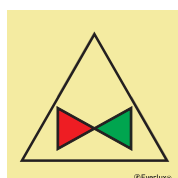
S 12 54
Remote control for emergency bilge pump



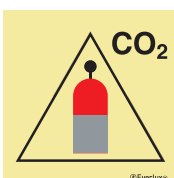
S 12 55
Remote control for fuel oil valves



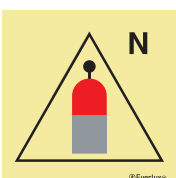
S 12 56
Remote control for lube oil valves



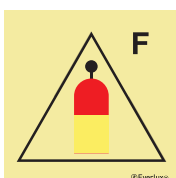
S 12 57
Remote control for fire pump valve(s)



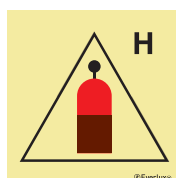
S 12 58
CO₂ remote release station



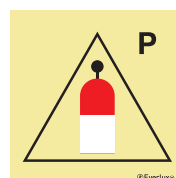
S 12 59
Nitrogen remote release station



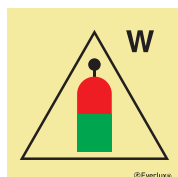
S 12 60
Foam remote release station



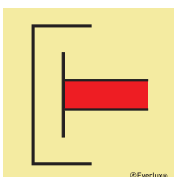
S 12 61
Gas remote release station



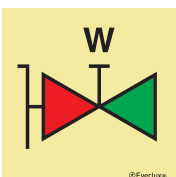
S 12 62
Powder remote release station



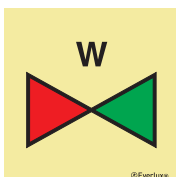
S 12 63
Water remote release station



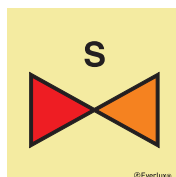
S 10 32
International shore connection



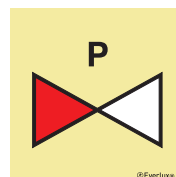
S 12 65
Fire hydrant



S 12 66
Fire main section valve



S 12 67
Sprinkler-section valve



S 12 68
Powder-section valve

IMO fire control signs - according to IMO Resolution A.952 (23), ISO 17631 and ISO 24409

							(mm) 150x150 200x200
S 12 69 Foam-section valve	S 12 70 CO ₂ fixed fire-extinguishing installation	S 12 71 Nitrogen fixed fire-extinguishing installation	S 12 72 Foam fixed fire-extinguishing installation	S 12 73 Gas fixed fire-extinguishing installation	S 12 74 Powder fixed fire-extinguishing installation		
							
S 12 75 Water fixed fire-extinguishing installation	S 12 76 CO ₂ fixed fire-extinguishing battery	S 12 77 Nitrogen fixed fire-extinguishing battery	S 12 78 Foam fixed fire-extinguishing battery	S 12 79 Gas fixed fire-extinguishing battery	S 12 80 Powder fixed fire-extinguishing battery		
							
S 12 81 Water fixed fire-extinguishing battery	S 12 82 CO ₂ fixed fire-extinguishing bottle, placed in protected area	S 12 83 Nitrogen fixed fire-extinguishing bottle, placed in protected area	S 12 84 Foam fixed fire-extinguishing bottle, placed in protected area	S 12 85 Gas fixed fire-extinguishing bottle, placed in protected area	S 12 86 Powder fixed fire-extinguishing bottle, placed in protected area		
							
S 12 87 Water fixed fire-extinguishing bottle, placed in protected area	S 12 88 High-expansion-foam supply trunk (outlet)	S 10 40 Water-spray-system valves	S 10 65 Inert gas installation	S 12 91 Foam monitor	S 12 92 Powder monitor		
							
S 12 93 Water monitor	S 12 94 Foam fire hose and nozzle	S 12 95 Powder fire hose and nozzle	S 12 96 Water fire hose and nozzle	S 12 97 Portable foam applicator unit or relevant spare tank(s)	S 12 98 Fire locker		
							
S 12 99 Spaces or group of spaces protected by CO ₂ fire-extinguishing system	S 13 00 Spaces or group of spaces protected by foam fire-extinguishing system	S 13 01 Spaces or group of spaces protected by gas fire-extinguishing system	S 13 02 Spaces or group of spaces protected by powder fire-extinguishing system	S 13 03 Spaces or group of spaces protected by water fire-extinguishing system	S 13 04 Spaces or group of spaces protected by sprinkler or high pressure fire-extinguishing system		
							
S 13 05 Water fog applicator	S 10 68 Emergency source of electrical power (generator)	S 13 07 Emergency source of electrical power (battery)	S 10 78 Emergency switchboard	S 13 09 Air compressor for fire breathing devices	S 13 10 Control panel for fire detection and alarm system		

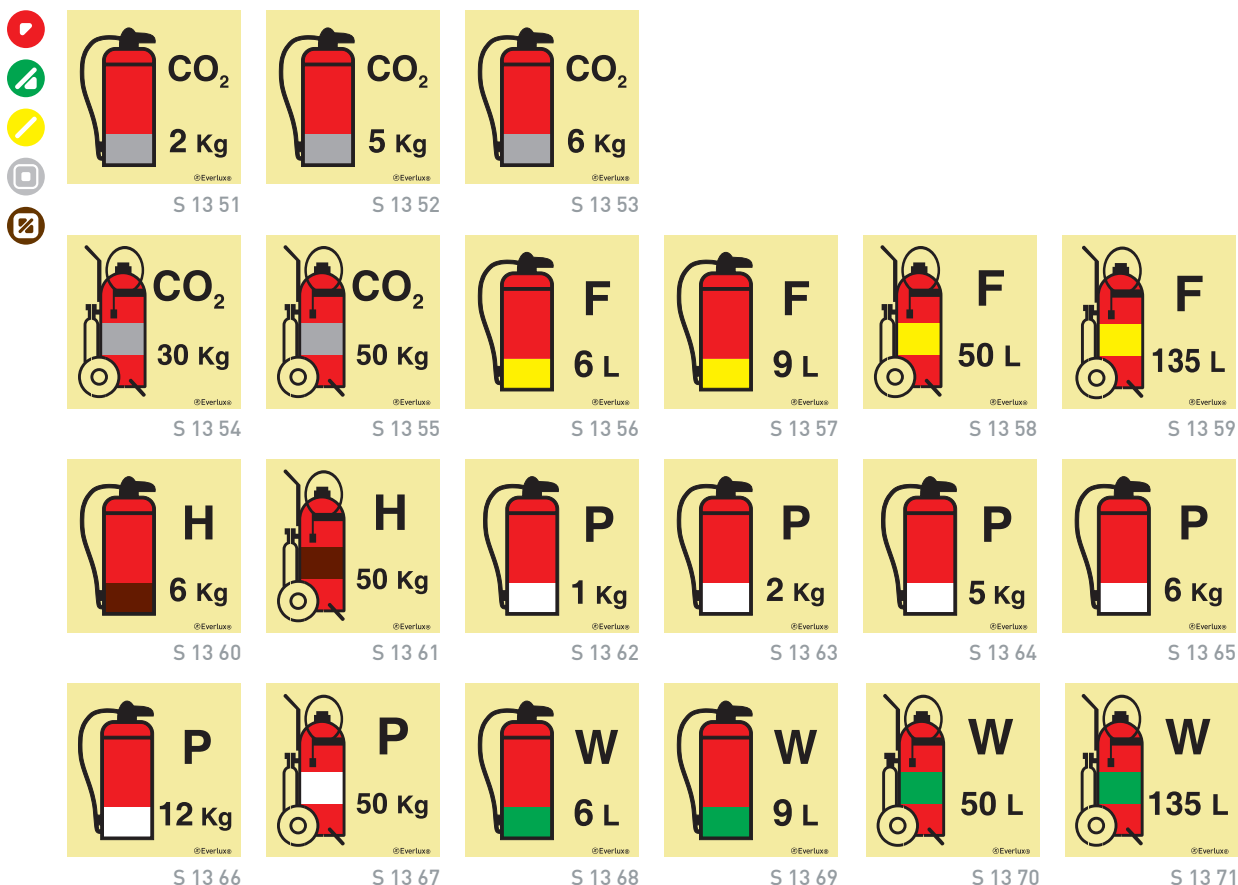
IMO fire control signs - according to IMO Resolution A.952 (23), ISO 17631 and ISO 24409

(mm)
150x150
200x200

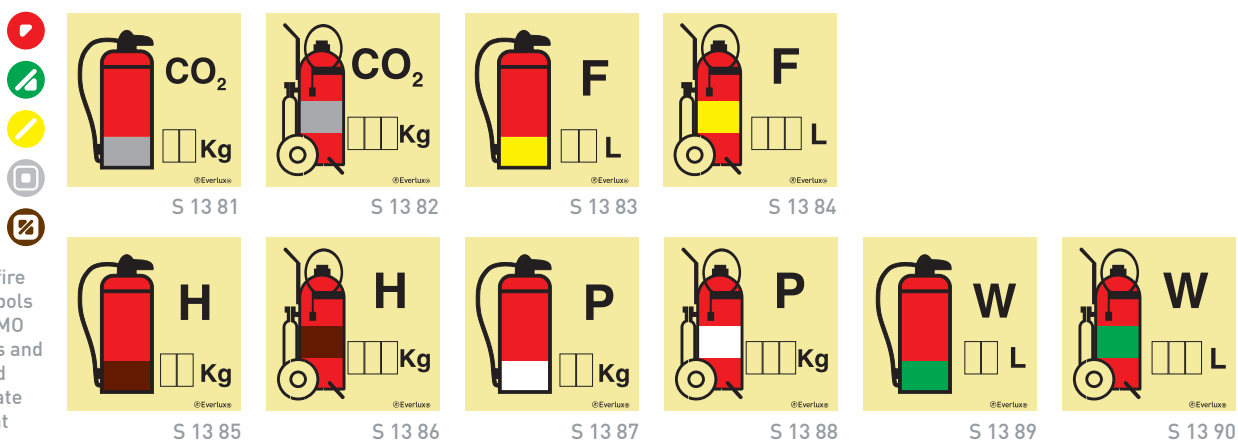


IMO fire control signs - fire extinguisher according to IMO Resolution A.952 (23) and ISO 17631

(mm)
150x150
200x200



(mm)
150x150
200x200

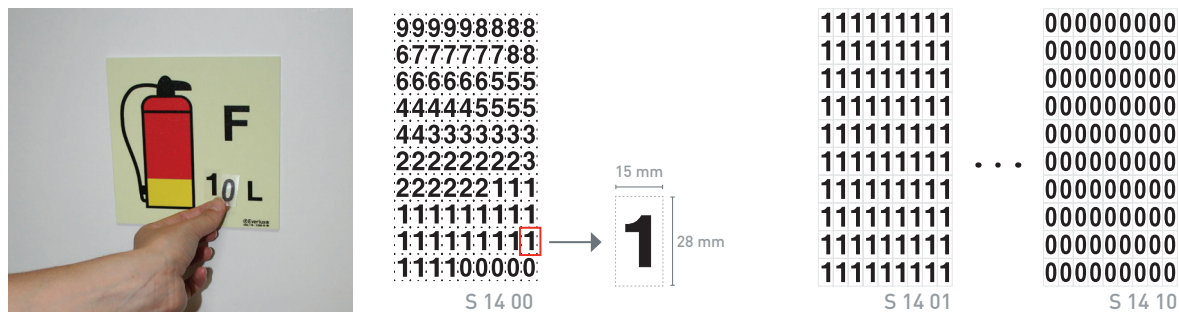


These signs with fire extinguisher symbols are according to IMO and ISO Standards and can be customized with the appropriate extinguisher agent capacity

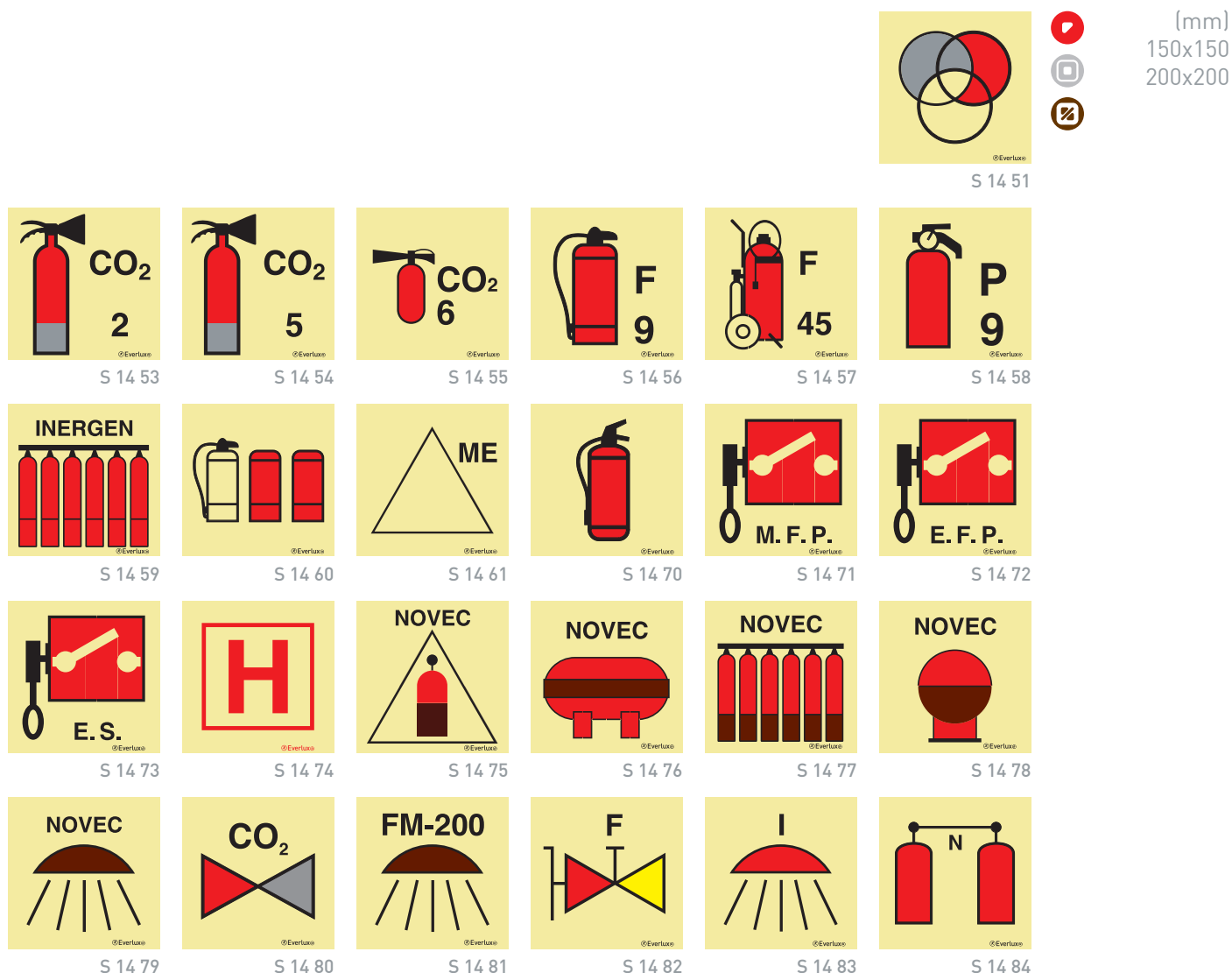
IMO fire control signs - fire extinguisher according to IMO Resolution A.952 (23) and ISO 17631

These sheets are available in two different formats: one format contains the same digit and the other contains multiple digits. The sheets in single digit format are available with numbers 1 to 0. There are 90 numbers supplied on each sheet. The multiple digit sheet contains the most commonly used numbers in greater quantities and should allow the identification of up to 24 fire extinguishers.

(mm)
15x28
A4 page



Non-standard Fire Control IMO signs



Fire

Fire-fighting equipment signs in compliance with ISO 24409 and EN ISO 7010



(mm)
150x150
200x200
300x300



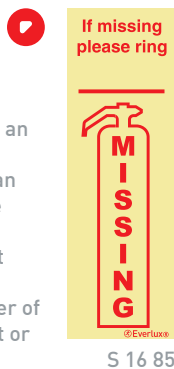
(mm)
100x200
150x300
200x400



Fire fighting equipment signs

(mm)
100x300

To indicate when an extinguisher is missing a sign can be placed on the wall behind the extinguisher that displays the telephone number of the service agent or supplier



Supplementary Signs, Combination Signs and Multiple Signs



Supplementary signs provide complementary information and will extend the safety message communicated by the referent of a given safety sign. There are supplementary explanatory signs, supplementary directional arrow signs and supplementary identification signs. When a safety sign is used in conjunction with a supplementary sign, that conjunction becomes a combination sign. The example on the left hand side uses a fire extinguisher sign together with several supplementary signs.



When a text supplementary sign is used then it should use the languages that are appropriate to the service of the ship and the working language on-board the vessel as illustrated in this example using a fire extinguisher identification supplementary sign with English and Russian text.

Fire fighting equipment signs with supplementary text



Fire extinguisher inside

S 16 71



Fire extinguisher

S 16 72



Fire extinguisher the other side

S 16 73



Mobile fire extinguisher

S 16 74



Fire hose

S 16 75



Fire hose reel

To operate

Turn wheel valve anti-clockwise and run out hose. Turn on at nozzle.

S 16 76



Fire hose reel

To operate

Run out hose. Water will turn on automatically. Operate control at nozzle.

S 16 77



Fire blanket

S 16 78

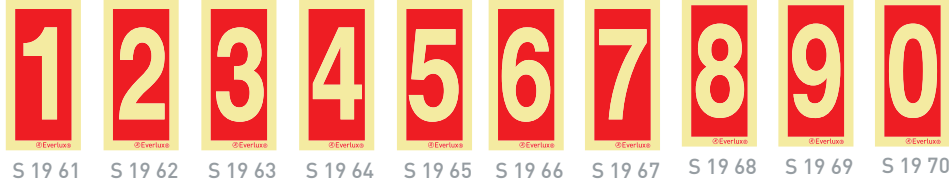
(mm)

150x200


200x300

300x400


Numbers and other supplementary signs for marking fire fighting equipment and other identification requirements



S 19 61 S 19 62 S 19 63 S 19 64 S 19 65 S 19 66 S 19 67 S 19 68 S 19 69 S 19 70



S 19 71 S 19 72 S 19 73 S 19 74 S 19 75 S 17 60 S 17 61 S 17 62 S 17 63 S 17 64 S 17 65 S 17 66



(mm)

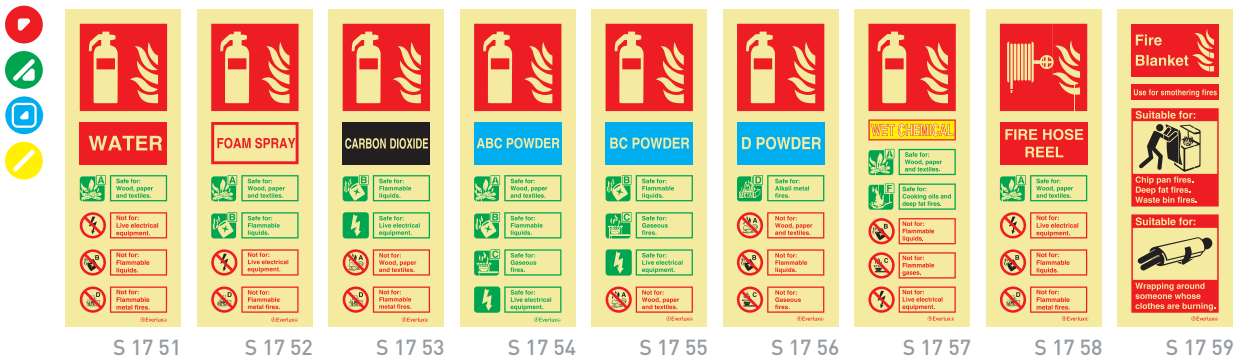
75x150

100x200

150x300

Fire extinguisher identification signs

(mm)
75x200



(mm)
150x100
200x150

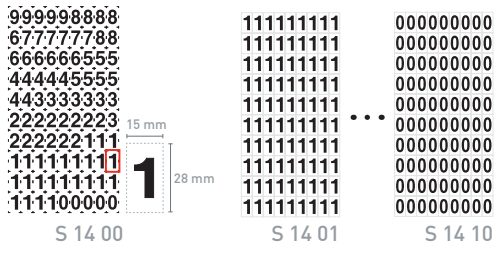


Numbered fire extinguisher identification signs

(mm)
150x120



(mm)
15x28
A4 page



Fire alarm signs



(mm)
150x150
200x200
300x300



(mm)
150x200
200x300
300x400

Signs for lifts



(mm)
150x200
200x300

Fire

Signs with supplementary text

(mm)

200x70(*)

300x100

400x120

(*) Also available
in this size



S 19 01



S 19 02



S 19 05



S 19 08



(*) S 19 11



S 19 14



(*) S 19 17



S 19 20



S 19 23



S 19 26



(*) S 19 29



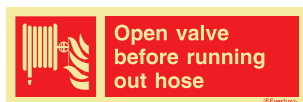
S 19 32



S 19 03



S 19 06



S 19 09



(*) S 19 12



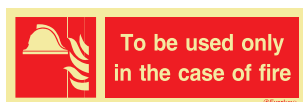
S 19 15



(*) S 19 18



S 19 21



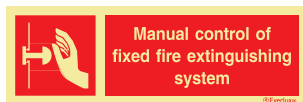
S 19 24



S 19 27



S 19 30



S 19 33



S 19 04



S 19 07



S 19 10



S 19 13



S 19 16



S 19 19



S 19 22



S 19 25



S 19 28



S 19 31



S 19 34

Low Location Lighting system

The spreading of smoke is one of the most dangerous consequences of a fire rendering evacuation difficult and in some cases impossible. Under these conditions, visibility is reduced causing panic and increasing the evacuation time which is a critical factor in avoiding intoxication which can lead to death.

The ☼Everlux® Low Location Lighting (LLL) system is a unique system that allows all evacuation routes to stay illuminated, thereby communicating a clear, continuous and unambiguous “means of escape” message which leads to a safe place. The locations of fire fighting equipment are also clearly marked as part of the system along the escape routes.

This LLL system is unique in providing consistent and regular information throughout the complete escape route. This reduces possible confusion and panic, factors that hamper the safe egress from occupied areas.

According to IMO Resolution A. 752 (18) all means of egress must be marked with Low Location Lighting system at all points of the evacuation route. The LLL system is also recommended by ISO Standards, namely ISO 15370.

The illustration below depicts a complete safety signage system installed on board:



A – Photoluminescent signs installed at a high location level (above 2m) are to be visible and identified from further distances.

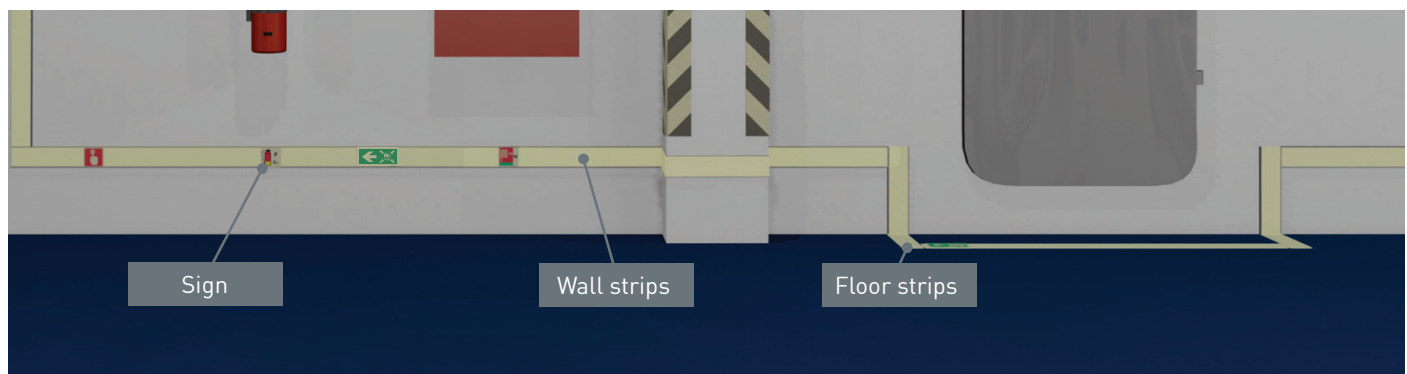
B – Photoluminescent signs installed at an intermediate location level. Per ISO 24409 fire-fighting equipment signs shall be installed either directly on the fire-fighting equipment or as close as practicable.

Recommended range for signs with text providing information and/or instructions to the user.

C – Photoluminescent signs at a low location level (within 30cm from deck according to SOLAS 2004 Chapter II Regulation 13.3.3.5 and ISO 15370): a sign system that illuminates the entire escape route and identifies the location of fire fighting equipment at floor level.

The components of the ☼Everlux® Low Location Lighting system are:

- Photoluminescent rigid plastic strips and signs to be applied on walls.
- Floor marking strips: 0.3mm thick non-slip photoluminescent self-adhesive marking strips and signs to be applied directly to the floor.





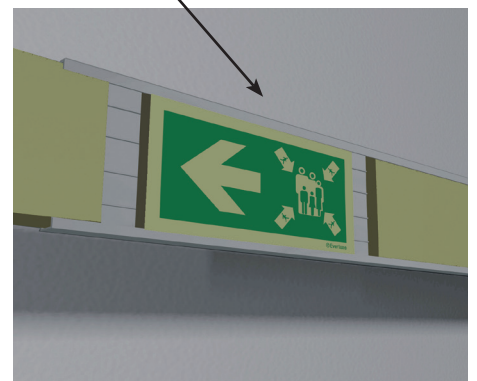
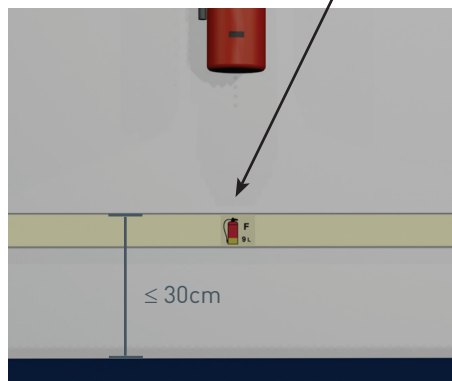
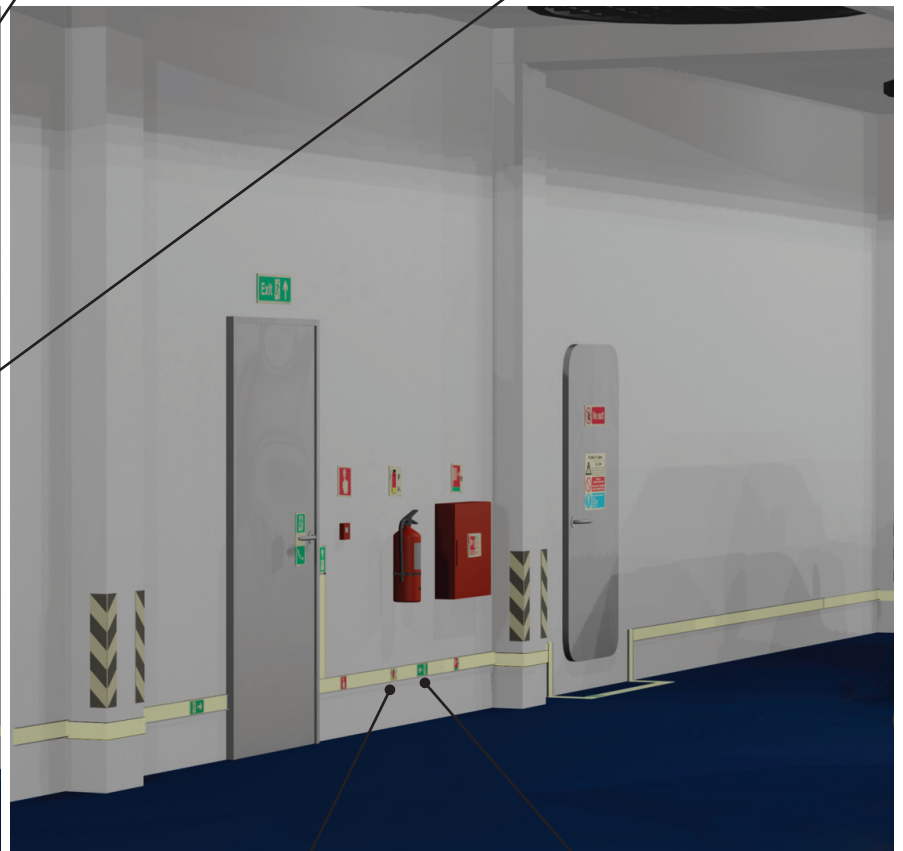
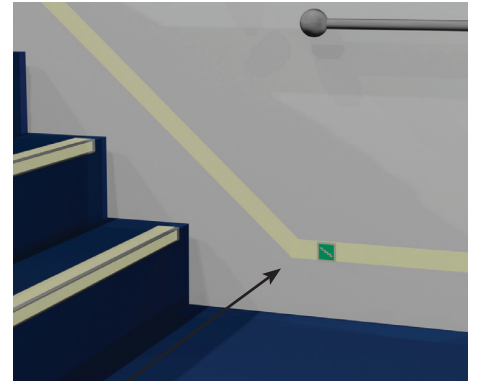
Low Location Lighting

Example

Escape doors must be signed as illustrated.

Stairs and corridors which are 2m wide or more should be fitted with LLL photoluminescent strips on both sides.

Photoluminescent directional signs must be placed at each change of level.



Non-escape doors must be signed as illustrated.

According to Solas 2004 Chapter II Regulation 13.3.3.5 and IMO Resolution A.752 (18) photoluminescent marking strips must be placed not more than 30cm above the deck at all points of the escape route.

Directional escape route signs complement the continuous photoluminescent strip installed in aluminium rail.

Normative and legal framework, technical performances and properties

Guidance systems at floor level (Low Location Lighting) began with legislation covering the areas of greatest risk. Firstly in aviation with FAA in 1984 and then in the maritime industry with IMO Regulations in 1989. Since 1999, following the development of new photoluminescent technologies, other authorities have begun the process of standardising these systems.

Important Standards	IMO Resolution A.752 [18]	Guidelines for the evaluation, testing and application of low-location lighting on passenger ships
	SOLAS Convention 2004	Means of escape - Marking of escape routes
	European Directive 2002/25/EC	Safety rules and standards for passenger ships
	ISO 15370	Low Location Lighting (LLL) on passenger ships
	ISO 16069	SWGS - Safety Way Guidance Systems
	ISO 3864	Graphical symbols - safety colours and safety signs

Ⓢ Everlux® Low Location Lighting Strip and Sign System:

The strip and sign system can be mounted directly to walls using the Ⓢ Everlux® adhesive or with the aluminium frames. According to IMO A.752 (18) his system shall be positioned in the following way, throughout the escape routes:

- Where a corridor has a width of 2m or more the guidance line shall be applied continuously on both sides of the corridor.
- Where the width is less than 2m, one guidance line may be sufficient and should be as continuous as possible on the side where the fire fighting equipment is located. If there is no fire fighting equipment the strips should be applied continuously on the side that leads to the door handle.
- The strips should not be installed more than 30cm above deck.

Ⓢ Everlux®-LLL Strip and Sign System for Floors and Stairs:

The strip and sign system can be placed directly onto floors and stairs using the integral high adherence adhesive. Simply remove the backing material and position accurately.

Luminance Properties			
Applicable Resolutions and Standards/ Product	Luminance Intensity (mcd/m²) (After removing the exciting light)		Period of Light Decay
	10 minutes	60 minutes	Luminance Intensity greater than a 0.3 mcd/ m²
IMO Resolution A.752[18] a)	15 mcd/m²	2.0 mcd/m²	...
ISO 15370 a)	15 mcd/m²	2.0 mcd/m²	...
Ⓢ Everlux® a)	40 mcd/m²	8 mcd/m²	1800 minutes
Ⓢ Everlux®-LLL b)	80 mcd/m²	10 mcd/m²	1000 minutes

a) Values obtained with a stimulation of only 25 lux, during 24 hours with a fluorescent lamp with colour temperature of 4000K, according to ISO 15370 measurement protocol.
b) Values obtained with a stimulation of only 25 lux, during 15 minutes with a fluorescent lamp with colour temperature of 6500K, according to ISO 16069 measurement protocol.

All signs have a high photoluminescent intensity which is achieved with as little as a 25 lux charge from an ambient light source

Base Materials:

Signs and strips for wall mounting: Photoluminescent rigid plastic 1.2mm thick; photoluminescent self-adhesive vinyl;

Signs and strips for floors and stairs: Photoluminescent non-slip self-adhesive polycarbonate 0.3mm thick;

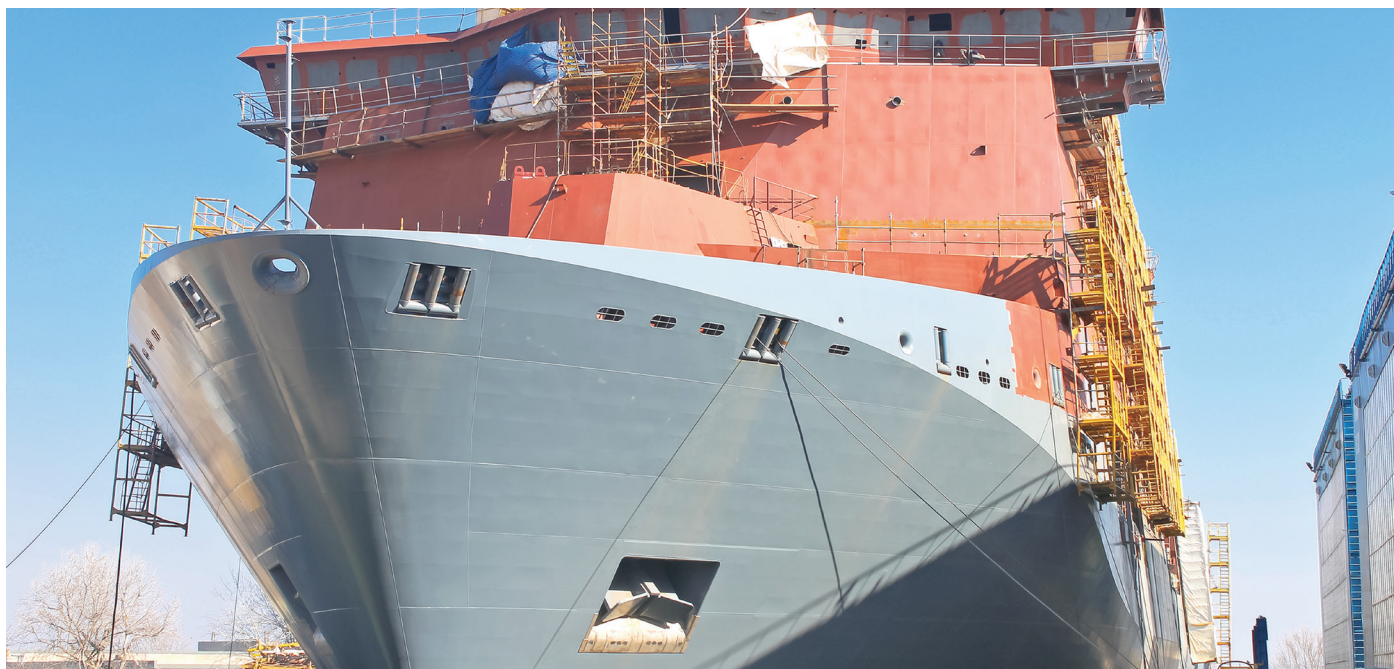
Transparent vinyl signs are also available to complement the Ⓢ Everlux® Low Location Lighting system.

Printing: Serigraphy, high gloss paint with a high UV resistance.

Chemical Characteristics: Non-phosphorous, non-radioactive, lead-free and non-poisonous.

Low Location Lighting

Turnkey safety signage projects



ⓈEverlux® adopts an integrative approach to every safety signage project the company is involved with from project development through to installation and project delivery. When hiring ⓈEverlux® for a turnkey safety signage project, customers benefit from a high quality on time service which includes on-board and remote surveys, life-safety and fire control plan and Low Location Lighting project development using the ⓈEverlux® Project maritime tool, supply, installation, on-board luminance measurements, project management, documentation and delivery.

The ⓈEverlux® turnkey safety signage project service is the ideal solution for owners, shipyards or marine outfitters who are involved with new-build or major refurbishment on vessels or oil rigs.



Photoluminescent low location lighting system inspections and measurement service

ⓈEverlux® has the Approval as Service Supplier by DNV for photoluminescent Low Location Lighting measurements. Our technicians are available worldwide to help you meet the classification bodies' requirements in a fast and cost-effective way.

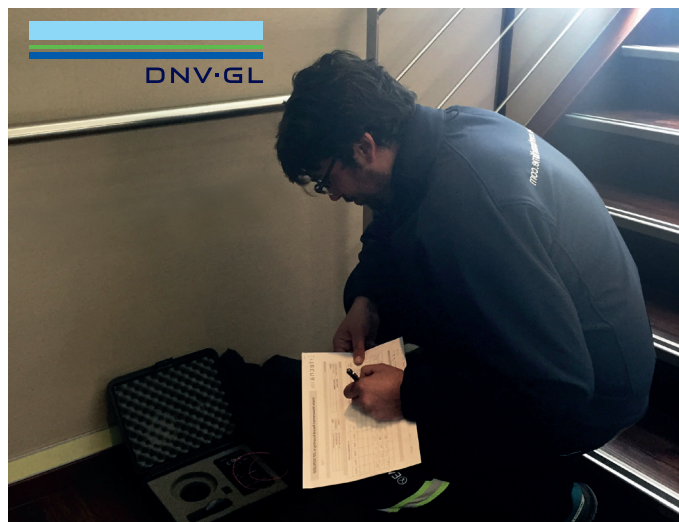
The inspection and measurement reports on photoluminescent LLL systems are mandatory according to IMO Resolution A.752 [18], adopted on 4 November 1993. These guidelines cover the approval, installation and maintenance of low location lighting (LLL) required by regulations II-2/28, paragraph 1.10 and II-2/41-2, paragraph 4.7 of the 1974 SOLAS Convention, as amended, on all passenger ships carrying more than 36 passengers, to readily identify the passengers' route of escape when the normal emergency lighting is less effective due to smoke.

According to IMO Resolution A.752 [18], chapter 9, a maintenance of LLL systems should be visually examined and checked once a week and a record kept. All missing, damaged or inoperable LLL components should be replaced.

All LLL systems should have their luminance tested at least once every five years.

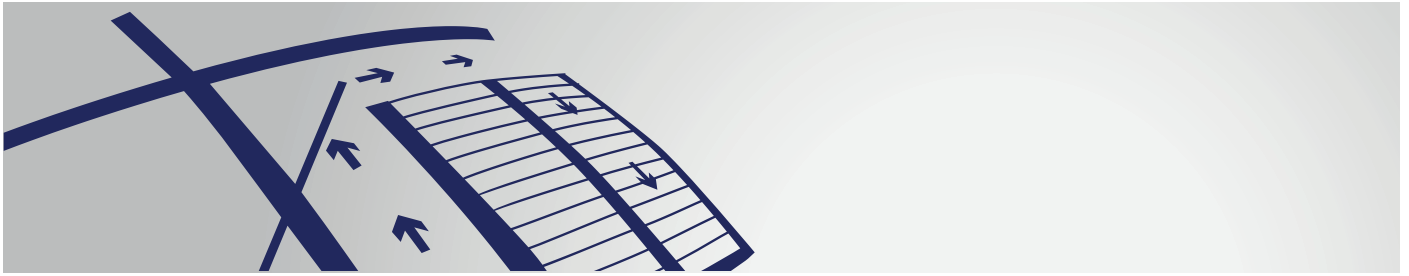
Readings should be taken on site. If the luminance for a particular reading does not meet the requirement of these guidelines, readings should be taken in at least ten locations equally spaced apart in the space. If more than 30% of the readings do not meet the requirements of these guidelines, the entire LLL system should be replaced.

If between 20% and 30% of the readings do not meet the requirements of these guidelines, the LLL system should be checked again in one year or may be replaced.



For detailed information on the ⓈEverlux® turnkey safety signage project service or on the mandatory requirements, inspection and measurement reports of photoluminescent LLL systems, please contact us at commercial@everluxmaritime.com.

Everlux® project maritime



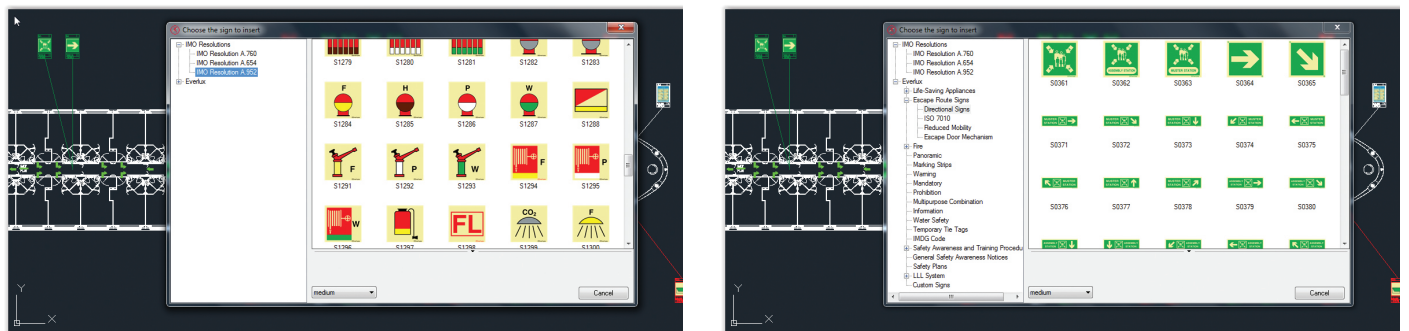
④ Everlux® project maritime is a software support tool for the development of safety signage and Low Location Lighting (LLL) projects and respective bill of quantities. This tool facilitates the most adequate selection of safety signs and provides installation companies with the right technical documentation to assure that the safety signs that are projected will be installed onboard simultaneously reducing the installation time.

④ Everlux® project maritime is available in two different versions: version 2.5 and version 2.5i. In terms of hardware both versions can be used with 64 bit processors. The 2.5 version works on AutoCAD (post 2008 versions except AutoCAD LT) and after its installation will automatically generate a tool bar with the  Everlux® project maritime menu.

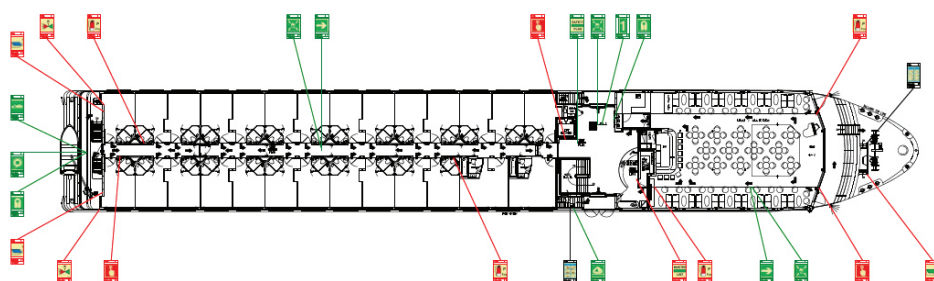
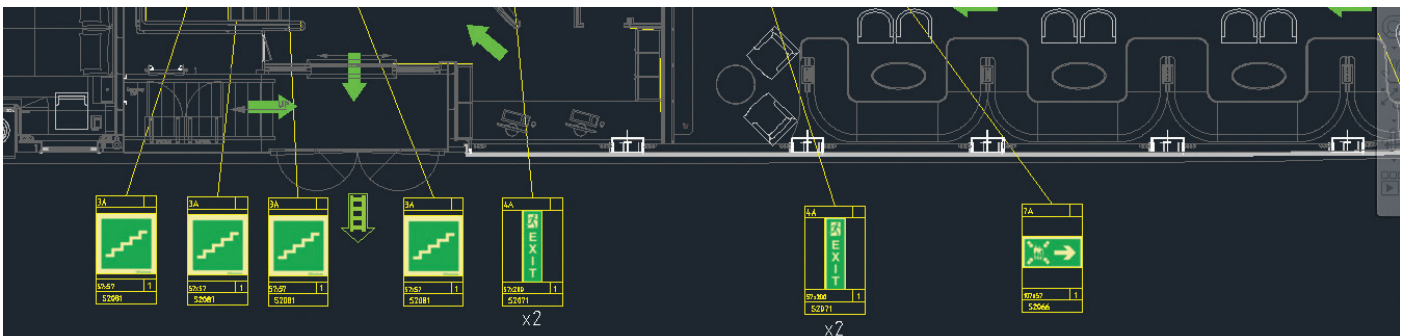
The 2.5i version is an independent application that allows the use of image files (type *.dxf; *.jpg; *.bmp; *.png) as the basis for the safety signage project.

④ Everlux® project maritime is available for free download at: www.everluxmaritime.com/en/downloads

Quick life-safety and fire control plan development



Quick Low Location Lighting project development and automated BOQ creation



Low Location Lighting

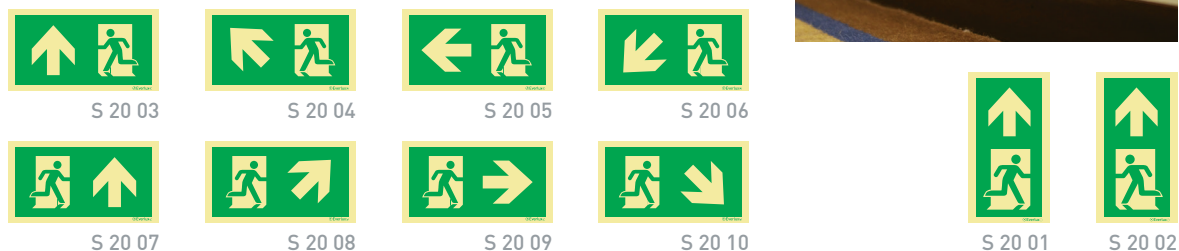
Signs for wall marking at floor level

(mm)
107x57
158x83

The signs featured in this page can be supplied in photoluminescent rigid plastic, self-adhesive photoluminescent vinyl and transparent self-adhesive vinyl signs. The transparent self-adhesive vinyl signs are a quick solution to complement Low Location Lighting systems by applying them directly on to the photoluminescent strips.



Escape route signs with symbols according to ISO 7010 and BS 5499



(mm)
57x57
83x83



(mm)
57x57
83x83



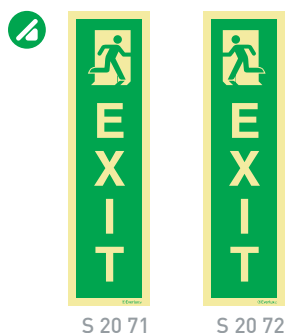
(mm)
107x57
158x83



(mm)
107x57
158x83



(mm)
57x200
83x300



(mm)
57x57
83x83



Strips for wall marking at floor level





S 21 01



S 21 02




S 21 03


(mm)
1000x35
1000x57
1000x83

Marking strips for walls and stair risers







S 21 11




S 21 12



S 21 13



S 21 14

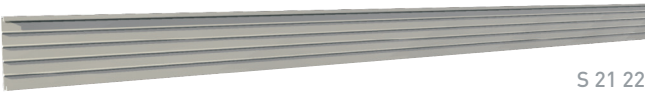


S 21 15

(mm)
800x57
800x83

Strips to identify doorways





S 21 22

(mm)
800x35
800x57
800x83
2000x35
2000x57
2000x83

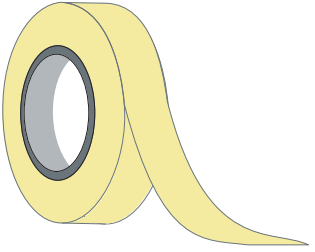
Rolls for wall marking

The Everlux® photoluminescent vinyl rolls can be used in wall mounted LLL systems and are the ideal solution for applications in irregular or rounded walls. This product can also be used for emergency equipment marking and handrail identification.

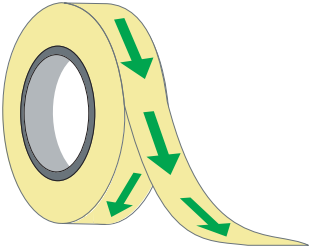


length (m)
10

width (mm)
35
57
83



S 21 31



S 21 32



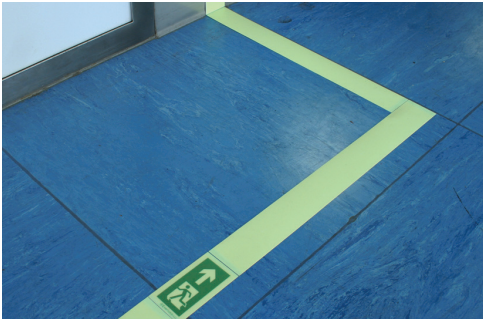
Low Location Lighting

System for floor and stair marking

(mm)
1200x37
1200x57
1200x83

Non-slip self-adhesive marking strips

S 21 51
S 21 52
S 21 53
S 21 54



(mm)
107x57
158x83

Non-slip self-adhesive signs

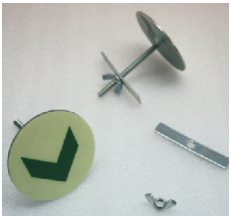
S 21 61
S 21 62
S 21 65
S 21 66

Everlux®-LLL discs

Discs for mesh metal floors
(1 box of 12 units)

S 21 75
S 21 76
S 21 77
S 21 78

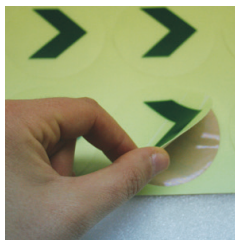
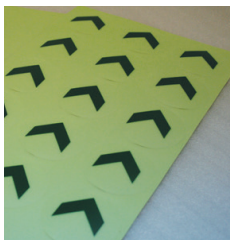
60mm
60mm
60mm
1.7mm



Non-slip self-adhesive discs for floors (1 sheet of 18 units)

S 21 79
S 21 80

60mm
0.4mm



Everlux®-LLL Footprint silhouettes

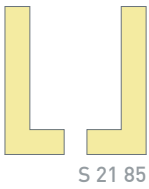
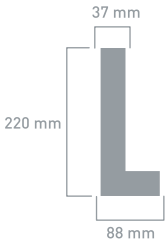
Photoluminescent footprint silhouettes are ideal for indicating the direction and outline of evacuation routes. Available in left and right silhouettes to be used alternately, Everlux®-LLL Footprint Silhouettes are made from self-adhesive, anti-slip polycarbonate which is only 0.03mm thick.

S 21 84

220mm
88mm




Non-slip self-adhesive “L” for stairs




Designed to mark the edges of the steps. Supplied in sheets of 4 units (two signs per step)


In every flight of steps, the limits of the first and the final steps should be fully signed. You should use the strips code S 21 51

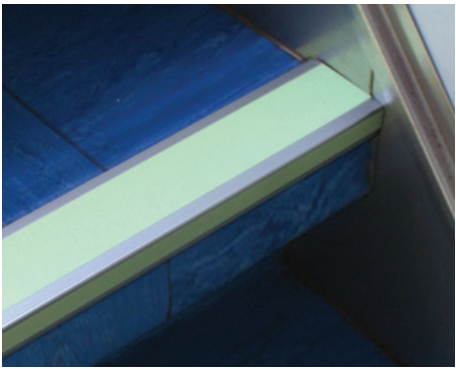
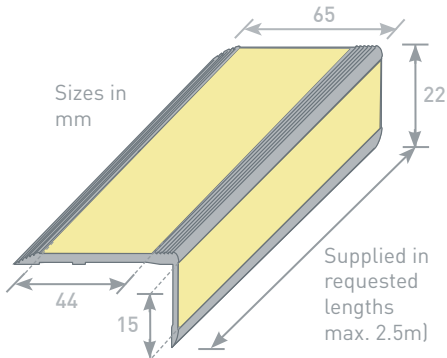
Stairnosing - protection for steps

Aluminium framework developed for stair nosing protection. This product has anti-slip properties, even in situations where oil has been spilt, due to the grooves featured over the whole surface. On the upper and front parts there are  Everlux² LLL photoluminescent polycarbonate strips which also have anti-slip properties. These allow the perfect identification of the edge of the steps during a descending or ascending evacuation.

Properties

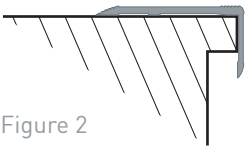
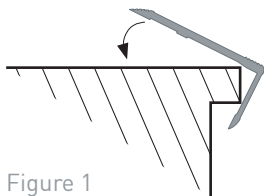
Materials: Aluminium and  Everlux² LLL in 0.3mm thick polycarbonate.
Sizes: Please refer to the technical drawings.

The  Everlux² protection for steps is supplied with double-sided high adherence adhesive which allows an easy application.



Protection for steps S 21 90

Join the frame at two points, as in scheme 1, then rotate towards the riser until it is firmly adhered (scheme 2).



Panoramic signs

Fire equipment and evacuation

(mm)
100x100(*)
150x150
300x300

(*) Also available
in this size



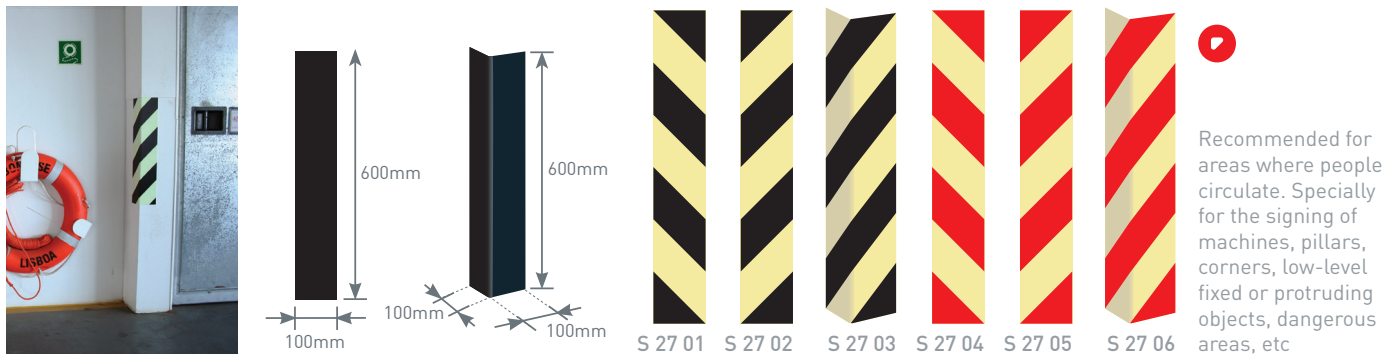
(mm)
150x200
200x300
300x400



(mm)
100x200
150x300
200x400



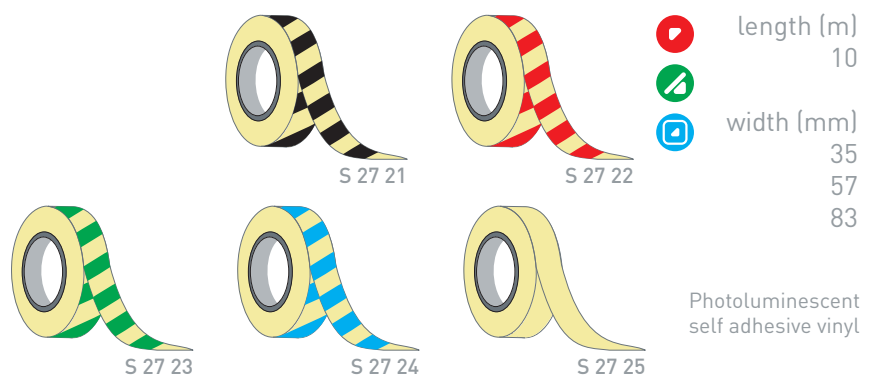
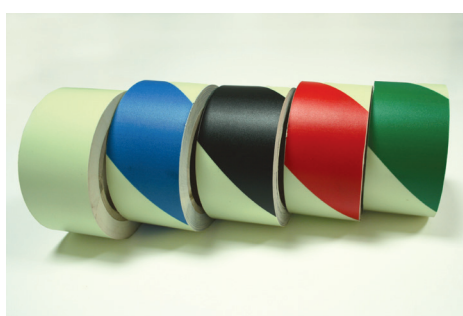
Photoluminescent marking strips to sign dangerous areas



To highlight obstacles, dangerous places and safe areas

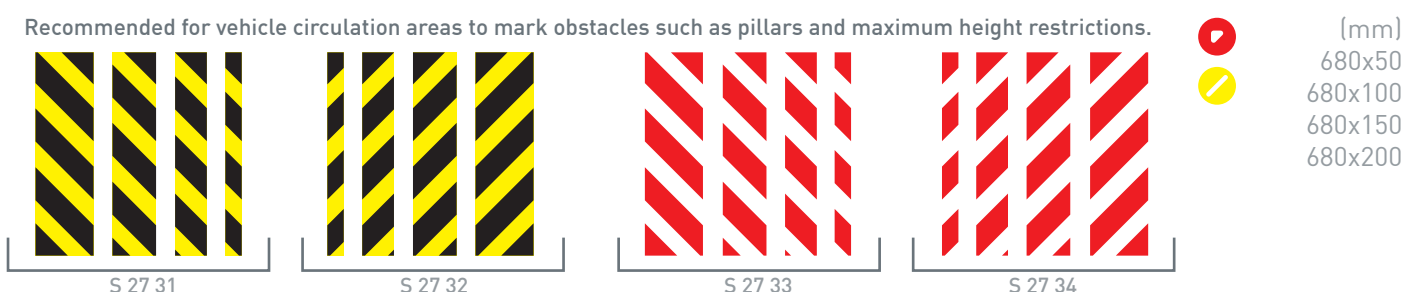
As referenced in ISO 24409 - 1, ISO 384 -1 specifies the following colour combinations for the layout of safety markings:

- To indicate the location of hazards, e.g. obstacles or changes of level, or slippery surfaces.
- To indicate prohibited areas or the location of fire fighting equipment.
- To indicate safe areas or the location of emergency equipment.
- To indicate mandatory instructions - e.g. "keep clear".
- To identify the exact location of fire fighting equipment (effective alternative but not included in ISO 3864-1).



Self-adhesive reflective hazard warning strips to sign obstacles

Recommended for vehicle circulation areas to mark obstacles such as pillars and maximum height restrictions.



Warning signs

General warning signs

(mm)
100x100
150x150
200x200
300x300(*)

(*) Also available
in this size



S 30 01



S 30 02



S 30 03



S 30 04



S 30 05



S 30 06



S 30 07



S 30 08



(*) S 30 09



S 30 10



S 30 11



S 30 12



S 30 13

(mm)
300x100
400x150



S 30 51



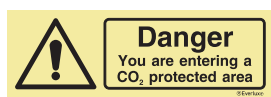
S 30 52



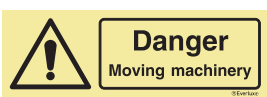
S 30 53



S 30 54



S 30 55



S 30 56



S 30 57



S 30 58



S 30 59



S 30 60



S 30 89



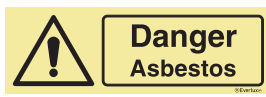
S 30 61



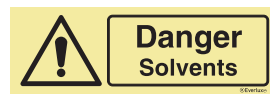
S 30 62



S 30 63



S 30 64



S 30 65



S 30 86



S 30 87



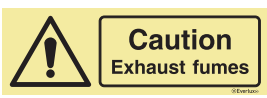
S 30 88



S 30 66



S 30 67



S 30 68



S 30 69



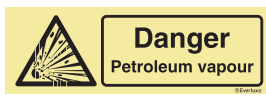
S 30 70



S 30 71



S 30 72



S 30 73



S 30 74



S 30 75



S 30 76



S 30 77



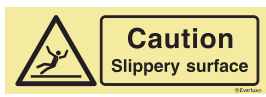
S 30 78



S 30 79



S 30 80



S 30 81



S 30 82



S 30 83



S 30 84



S 30 85



S 30 90

General warning signs



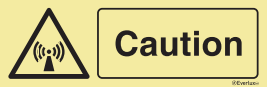
Warning signs

General warning signs

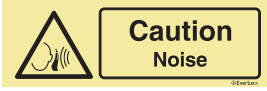
(mm)
300x100
400x150



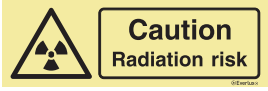
S 31 99



S 32 00



S 31 81



S 31 82



S 31 83



S 31 84



S 31 85



S 31 86

Deck, engine room and galley warning signs

(mm)
100x100
150x150
200x200

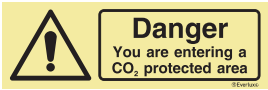


S 32 01

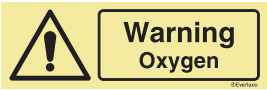


S 32 31

(mm)
300x100
400x150



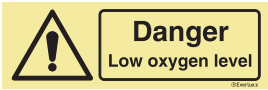
S 30 55



S 32 12



S 32 13



S 30 54



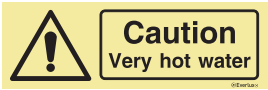
S 32 15



S 32 16



S 30 71



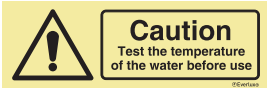
S 32 56



S 30 70



S 32 60



S 32 61



S 32 62



S 31 81



S 32 18



S 32 58



S 30 79



S 30 80



S 30 81



S 30 83



S 32 59

Accommodation warning signs

(mm)
300x100
400x150



S 32 71



S 32 72



S 32 73



S 32 74



S 32 75



S 32 76



S 32 77

(mm)
73x200



S 32 91



S 32 92





S 32 93



S 32 94

Accommodation signs are only available in white rigid plastic and white self-adhesive vinyl

Fire and watertight door signs

			
S 34 01	S 34 02	S 34 03	
			
S 34 04	S 34 05	S 34 06	S 34 07
			
	S 34 09	S 34 10	S 34 11
			
S 34 12	S 34 13	[*] S 34 14	[**] S 34 15
			
[**] S 34 16	[**] S 34 17	S 34 18	S 34 19
			
[**] S 34 20	S 34 21	S 34 22	S 34 23
			
S 34 24	S 34 25	S 34 26	S 34 27
			
S 34 28	[**] S 34 29	S 34 30	S 34 31
			
S 34 32	S 34 33	S 34 34	S 34 35
			
S 34 36	S 34 37	S 34 38	

 (mm)
(*)80x80
100x100
150x150
200x200
(**)300x300
(*),(**) Also available in this size

To prevent the obstruction of escape routes, mandatory signs should be permanently fixed on all fire and watertight doors

! Mandatory signs

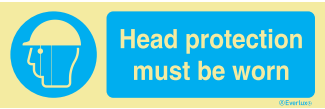
Personal protective equipment signs



(mm)
100x100
150x150
200x200
300x300(*)
(*) Also available
in this size

 (*) S 35 01	 (*) S 35 02	 (*) S 35 03	 (*) S 35 04	
 (*) S 35 05	 (*) S 35 06	 (*) S 35 07	 S 35 08	 S 35 09
 S 35 10	 S 35 11	 S 35 12	 (*) S 35 13	 S 35 14
 (*) S 35 15	 (*) S 35 16	 S 35 17	 (*) S 35 18	 S 35 19
 S 35 20	 S 35 21	 S 35 22	 S 35 23	 S 35 24

Personal protective equipment signs



[*] S 35 51



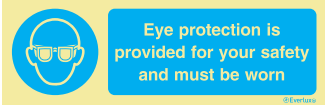
S 35 52



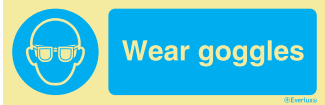
[*] S 35 53



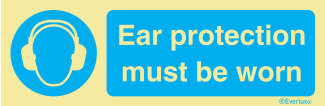
[*] S 35 54



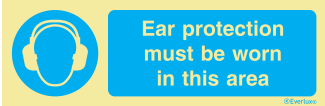
S 35 60



S 35 61



[*] S 35 55



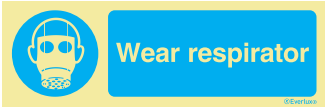
S 35 62



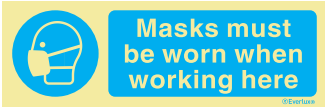
S 35 63



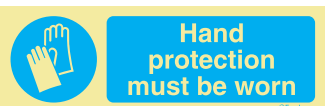
S 35 56



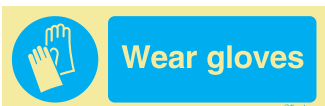
S 35 64



[*] S 35 57



[*] S 35 58



S 35 65



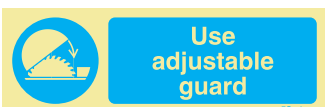
[*] S 35 59



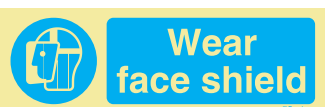
[*] S 35 66



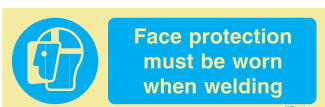
S 35 71



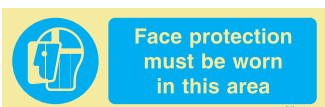
S 35 72



S 35 73



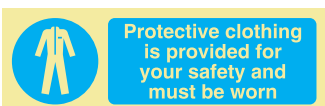
S 35 86



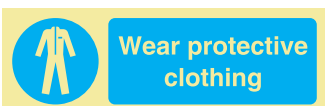
S 35 87



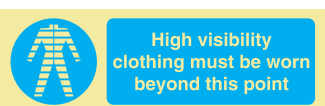
S 35 74



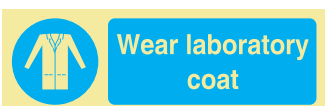
S 35 75



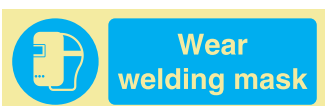
[*] S 35 76



S 35 77



S 35 78



[*] S 35 79



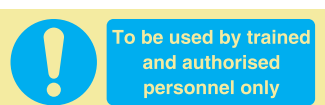
S 35 80



[*] S 35 81



S 35 82



S 35 83



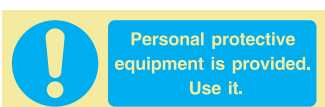
S 35 88



S 35 67



S 35 68



S 35 69



S 35 70



(mm)
300x100
400x150
[*] 600x200

[*] Also available
in this size

To ensure the correct
use of protective
wear, mandatory
signs must be used.
Mandatory actions
must be marked with
mandatory signs

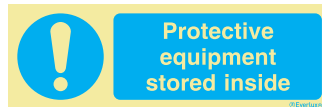
! Mandatory signs

Personal protective equipment signs

(mm)
300x100
400x150



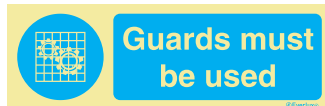
S 35 89



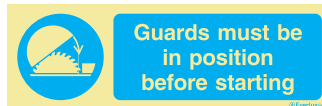
S 35 90



S 35 91



S 35 84



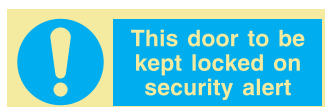
S 35 92



S 35 85

ISPS Code mandatory signs

(mm)
300x100
400x150



S 36 01



S 36 02



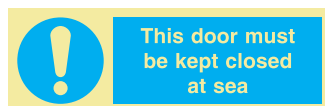
S 36 03



S 36 04



S 36 05



S 36 06



S 36 07



S 36 08

Deck and engine room mandatory signs

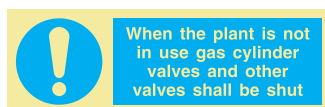
(mm)
300x100
400x150



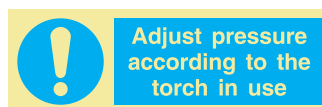
S 36 11



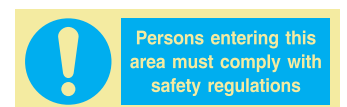
S 36 12



S 36 13



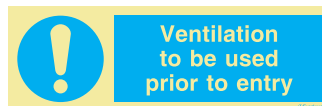
S 36 14



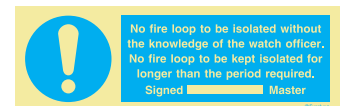
S 36 16



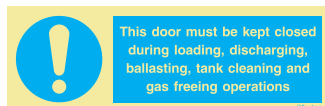
S 36 17



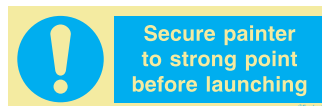
S 36 18



S 36 19



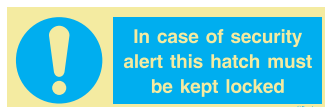
S 36 20



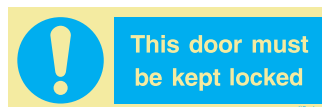
S 36 21



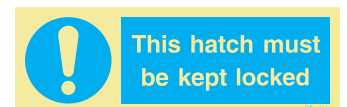
S 36 22



S 35 93



S 35 94



S 35 95



S 35 96

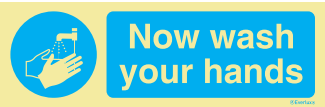


S 35 97



S 35 98

Galley mandatory signs



S 35 71



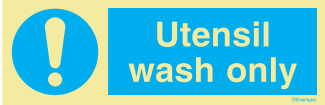
S 36 42



S 36 55



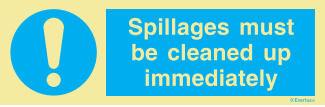
S 36 46



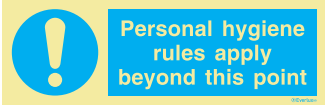
S 36 43



S 36 44



S 36 45



S 36 47



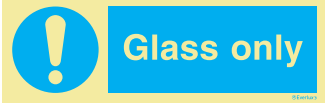
S 36 48



S 36 49



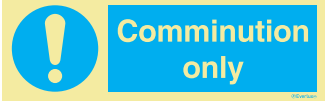
S 36 50



S 36 51



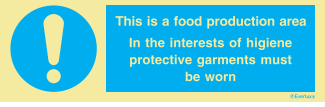
S 36 52



S 36 53



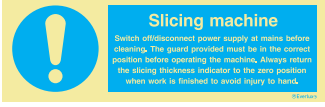
S 36 54



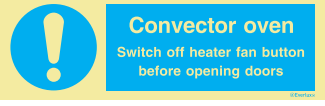
S 36 56



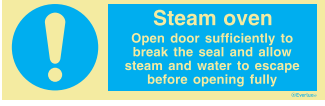
S 36 57



S 36 58



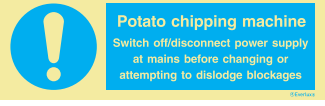
S 36 59



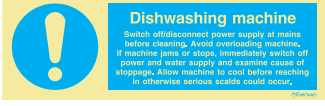
S 36 60



S 36 61



S 36 62

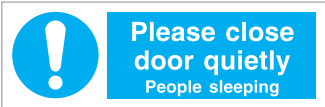


S 36 63

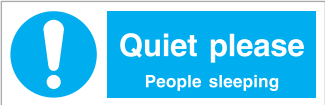


S 36 64

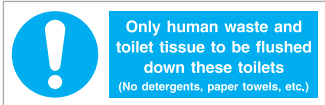
Accommodation signs



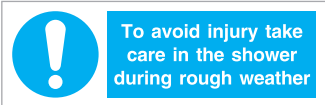
S 36 81



S 36 82



S 36 83



S 36 84

These signs are only available in white rigid plastic and white self-adhesive vinyl

(mm)
300x100
400x150
600x200

⊘ Prohibition signs

Signs to prohibit dangerous actions



(mm)

100x100

150x150

200x200

300x300(*)

(*) Also available
in this size



(*) S 38 01



(*) S 38 02



S 38 03



S 38 04



S 38 05



S 38 06



S 38 07



S 38 08



S 38 09



S 38 10



S 39 01



S 39 02



S 39 03



S 39 04



S 39 05



S 39 06



S 39 07



S 39 08



S 39 09



S 39 10



S 39 11



S 39 12



(*) S 39 13



S 39 14



S 39 15



S 39 16

Prohibition signs

Signs to prohibit dangerous actions

 <p>This is a no smoking area</p> <p>S 38 53</p>	 <p>No smoking</p> <p>(*) S 38 51</p>	 <p>All smoking strictly prohibited</p> <p>S 38 52</p>	<p>(mm)</p> <p>300x100</p> <p>400x150</p> <p>(*) 600x200</p> <p> (*) Also available in this size</p>
 <p>No naked flames</p> <p>S 38 56</p>	 <p>No hot work</p> <p>S 38 57</p>	 <p>No naked lights</p> <p>S 38 55</p>	
 <p>No naked flames</p> <p>S 38 56</p>	 <p>No hot work</p> <p>S 38 57</p>	 <p>No matches</p> <p>S 38 73</p>	
 <p>Open flame and smoking prohibited</p> <p>S 38 74</p>	 <p>No naked lights beyond this point</p> <p>S 38 75</p>	 <p>No exit</p> <p>(*) S 38 58</p>	
 <p>No entry</p> <p>(*) S 38 59</p>	 <p>No access</p> <p>S 38 60</p>	 <p>Keep out</p> <p>S 38 61</p>	
 <p>Do not enter</p> <p>S 38 62</p>	 <p>No admittance</p> <p>S 38 63</p>	 <p>Authorized personnel only</p> <p>S 38 64</p>	
 <p>Do not enter pump room</p> <p>Without permission from the chief officer</p> <p>S 38 65</p>	 <p>No entry to unauthorised personnel</p> <p>S 38 66</p>	 <p>No access to car deck while vessel is at sea</p> <p>S 38 67</p>	
<p>No unauthorized persons allowed beyond this point</p> <p>S 38 68</p>	<p>Crew only</p> <p>S 38 69</p>	<p>Do not touch</p> <p>S 38 70</p>	
<p>Do not operate</p> <p>S 38 71</p>	<p>Do not touch men working</p> <p>S 38 72</p>	<p>Do not clean or oil this machine whilst in motion</p> <p>S 38 76</p>	<p>Prohibiting dangerous behaviour limits potential risks</p>
<p>Do not operate</p> <p>S 38 71</p>	<p>Do not touch men working</p> <p>S 38 72</p>	<p>Do not clean or oil this machine whilst in motion</p> <p>S 38 76</p>	

🚫 Prohibition signs

Signs to prohibit dangerous actions

(mm)
300x100
400x150



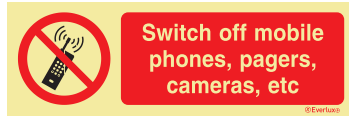
S 39 51



S 39 52



S 39 53



S 39 54



S 39 55



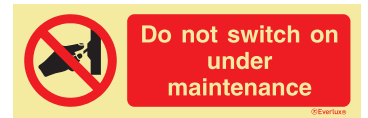
S 39 56



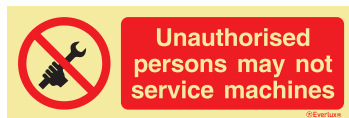
S 39 57



S 39 58



S 39 59



S 39 60



S 39 61



S 39 62



S 39 63



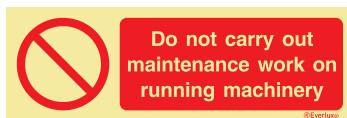
S 39 64



S 39 65



S 39 66



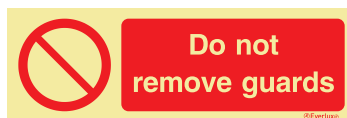
S 39 67



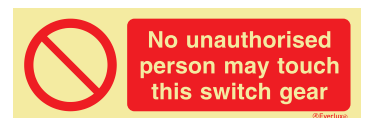
S 39 68



S 39 69



S 39 70

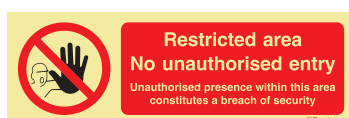


S 39 71

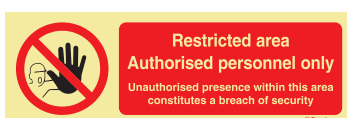
Prohibiting dangerous behaviour limits potential risks

ISPS Code prohibition signs

(mm)
300x100
400x150



S 39 81



S 39 82



S 39 72



S 39 73



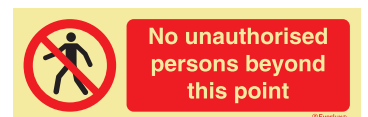
S 39 74



S 39 75



S 39 76



S 39 77



S 39 78







S 39 83





S 39 79





Prohibition signs


Deck and engine room prohibition signs

			 (mm) 300x100 400x150
No hot work <small>©Everlane</small>	No workwear beyond this point <small>©Everlane</small>	Do not watch the arc <small>©Everlane</small>	
S 38 57	S 39 91	S 39 65	

		
Do not enter pump room <small>Without permission from the chief officer</small> <small>©Everlane</small>	No entry <small>except by authorised personnel and unless ventilation has been in use for at least 15 minutes prior to entry</small> <small>©Everlane</small>	
S 38 65	S 39 95	

Galley prohibition signs

			 (mm) 300x100 400x150
Do not leave garbage here <small>©Everlane</small>	Do not store raw and cooked food together <small>©Everlane</small>	Microwave Oven <small>1. As a sensible precaution do not look closely in to the oven when it is switched on. 2. Metal containers such as tin foil must not be placed in this oven.</small> <small>©Everlane</small>	
S 40 02	S 40 03	S 40 01	

	
Do not throw garbage overboard <small>This vessel operates in a special area designated by international maritime law</small> <small>©Everlane</small>	
S 40 04	

Accommodation prohibition signs

			 (mm) 300x100 400x150 (*) 600x200 (*) Also available in this size
No smoking in elevator <small>©Everlane</small>	This is a no smoking area <small>©Everlane</small>	No smoking <small>[*] S 40 11</small>	
S 40 12	S 40 13	S 40 14	

			
Switch off mobile phones, pagers, cameras, etc <small>©Everlane</small>	Do not drink <small>©Everlane</small>	No workwear beyond this point <small>©Everlane</small>	
S 40 15	S 40 17	S 40 16	

			These signs are only available in white rigid plastic and white self-adhesive vinyl
Do not put foreign objects in toilet <small>To flush close lid and press button</small> <small>©Everlane</small>	Do not put foreign objects in toilet <small>Toilet paper and human waste only</small> <small>©Everlane</small>	Do not leave garbage here <small>©Everlane</small>	
S 40 18	S 40 19	S 40 20	

Multipurpose combination signs

Multiple signage for danger, prohibition and obligation

(mm)
300x200



(mm)
300x400

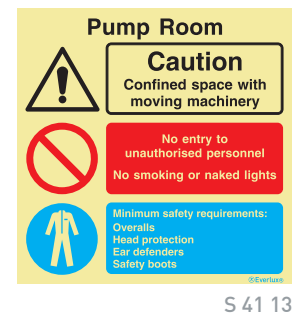
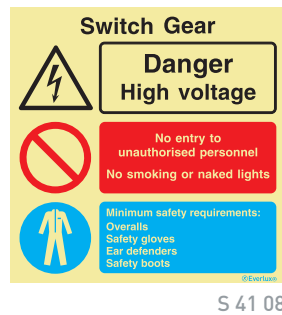
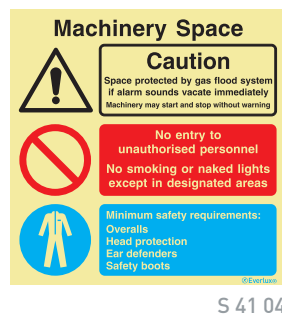
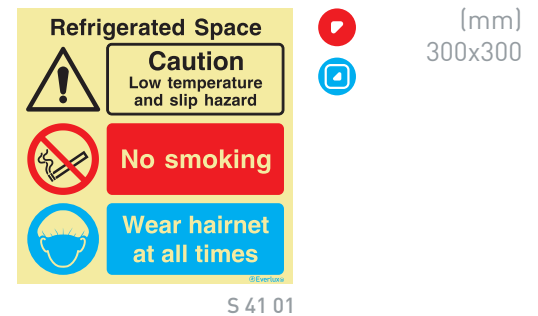
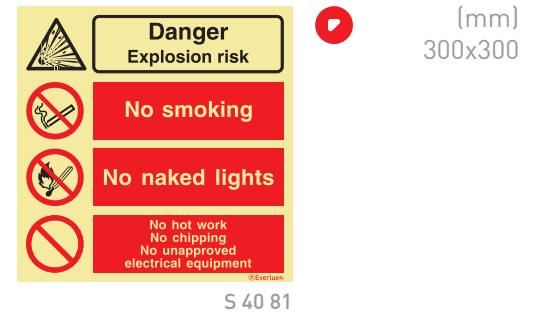


(mm)
300x300



Multipurpose combination signs



Multiple signage for danger, prohibition and obligation



i Information signs

Safety signs according to the ICAO and IMO Document 9636

(mm)
150x150
200x200
300x300
400x400

-  The ICAO and IMO joint publication Document 9636 specifies the signs to provide guidance information to persons at airports and marine terminals.
-  The "First Aid", "No Smoking", "No Entry/No trespassing" and "Carry no weapons on board" signs should be designed according to the colours specified in Section II of this publication whilst the colours of general information signs can be decided by national or local authorities keeping in mind that readability is of the foremost importance.



S 42 01



S 42 02



S 42 03

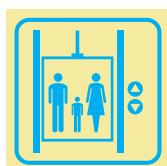


S 42 04

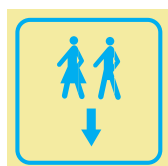
(mm)
150x150
200x200
300x300
400x400



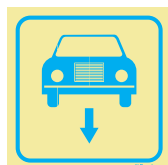
S 42 51



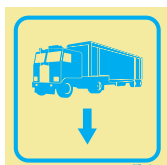
S 42 52



S 42 53



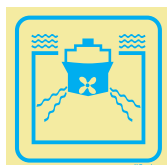
S 42 54



S 42 55



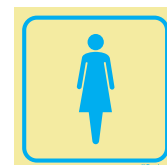
S 42 56



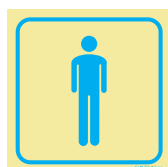
S 42 57



S 42 58



S 42 59



S 42 60



S 42 61



S 42 62



S 42 63



S 42 64



S 42 65



S 42 66



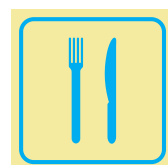
S 42 67



S 42 68



S 42 69



S 42 70



S 42 71



S 42 72



S 42 73



S 42 74



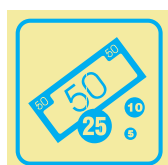
S 42 75



S 42 76



S 42 77



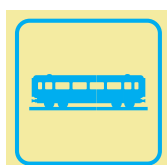
S 42 78



S 42 79



S 42 80



S 42 81



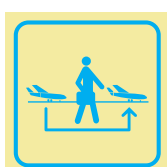
S 42 82



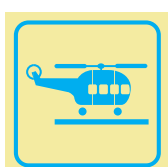
S 42 83



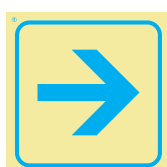
S 42 84



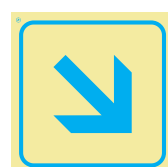
S 42 85



S 42 86



S 42 87




S 42 88



S 42 89

Security Level signs

The  Everlux® Security Level signs are available in a photoluminescent magnetic finish. This is the ideal solution to secure adhesion to all suitable metallic surfaces. The magnetic finish also allows for the quick and easy change of security level indicator. The selling unit of this product is comprised of 4 components.

 (mm)
200x180



 (mm)
200x100

Crew only access



 (mm)
300x200

Ultra-destructible seals



 (mm)
[*] 150x30
 [**] 300x30

[*] [**] Only available in this size
Only available in non-photoluminescent ultra-destructible self-adhesive vinyl. Detailed technical sheet available on request.

ISPS Code signs

ISPS compliant notices

(mm)
900x450





THIS SHIP COMPLIES WITH THE
I.M.O. ISPS CODE

STRICT SECURITY MEASURES & PROCEDURES ARE ENFORCED
NO OFFENSIVE WEAPONS ALLOWED

VISITORS WILL BE MET ON DECK AND MUST REGISTER ONBOARD WITH
A PHOTOGRAPHIC IDENTIFICATION DOCUMENT AND MAY BE SUBJECT
TO PERSONAL OR BAGGAGE SEARCHES

YOUR CO-OPERATION IS EXPECTED IN COMPLIANCE WITH MARITIME
SECURITY REQUIREMENTS

THE MASTER



S 42 30

(mm)
300x200



RESTRICTED AREA

AUTHORIZED

PERSONNEL ONLY

UNAUTHORIZED PRESENCE WITHIN THIS AREA
CONSTITUTES A BREACH OF SECURITY

©Everlux

S 42 31

CCTV signs

(mm)
150x150(*)
200x300(**)

(*) (**) Only
available in this size





This vessel
is under
CCTV
Surveillance

(**) S 42 40



CCTV
In operation

(*) S 42 41



VDR
Voice recording is
fitted on this bridge

(*) S 42 42

(mm)
300x100








24 h

This area is
under CCTV
surveillance

©Everlux

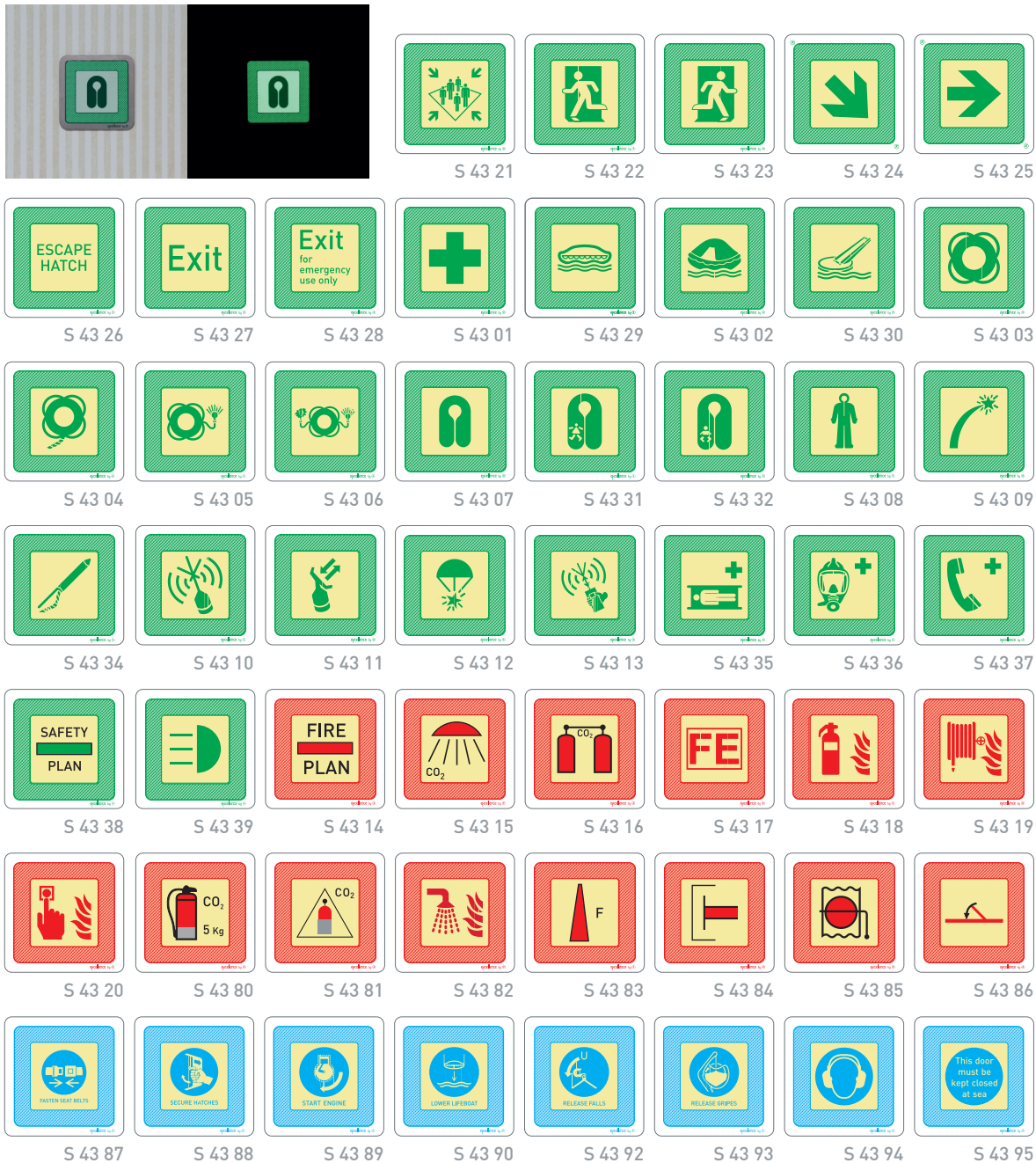
S 42 43



excellence by  is a safety signage solution that creates an harmonious co-existence between the sign elements and the upscale environment, emphasising on the aesthetics and decorative style of the vessels. The structure of every excellence by  sign is comprised of top quality and innovative materials. This sign range is distinct from other safety signs as the use of coloured pigments allows both the pictogram and the background colours to be visible in the dark. excellence by  is a patented product.



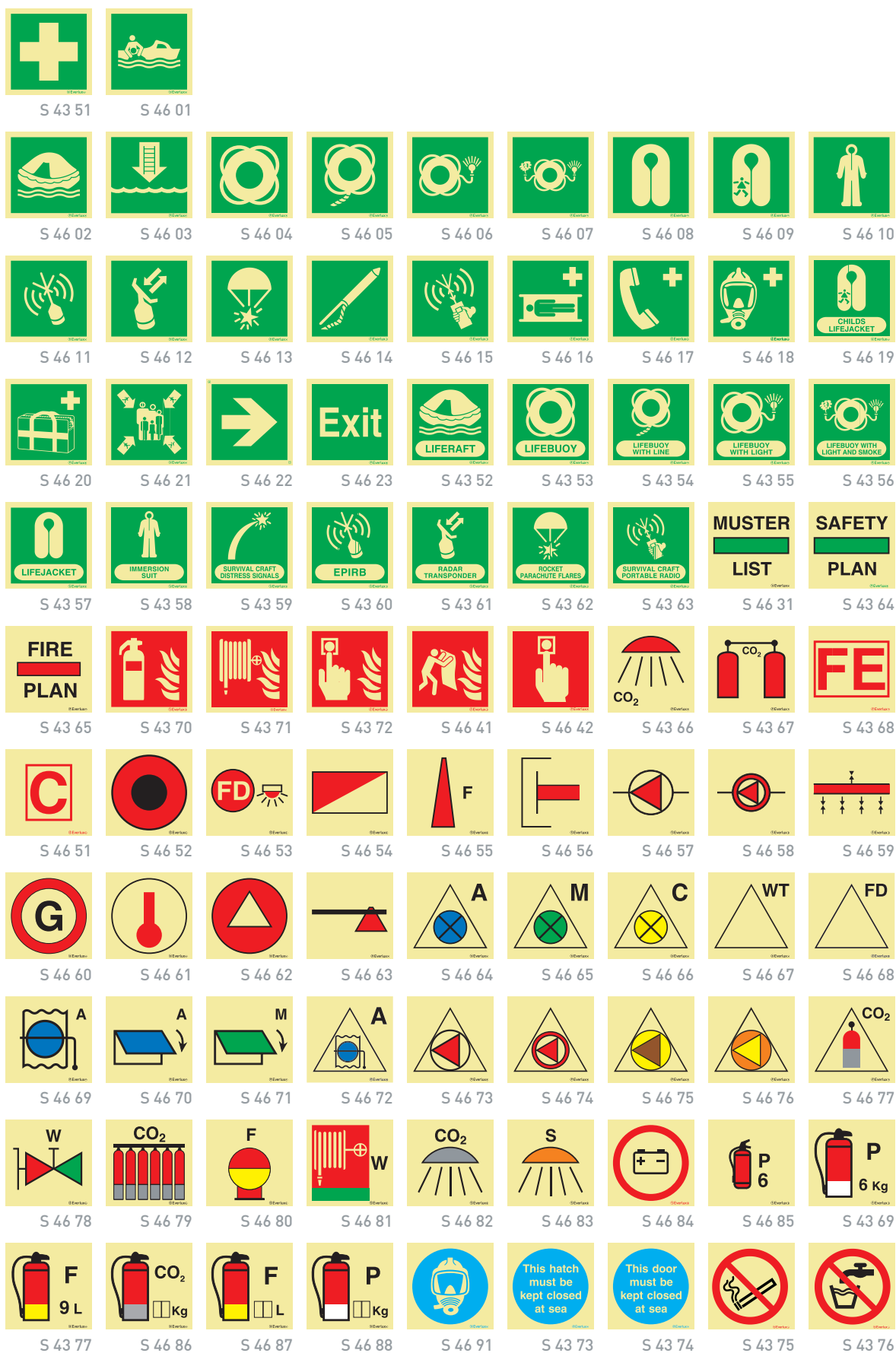
(mm)
60x60





Life-saving appliances, fire, mandatory and prohibition signs

(mm)
50x50



Photoluminescent safety signs, in smaller dimension, according to MCA Large Commercial Yacht Code (LY3).

(mm)
150x50



S 43 91



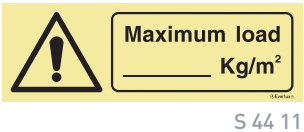
The Offshore Wind Industry has significantly expanded in the recent past. This is a unique industry with specific structures and vessels where service technicians and crews face equally unique hazards. The Everlux photoluminescent safety signs for the Offshore Wind Industry are the ideal solution to identify them.

Warning signs

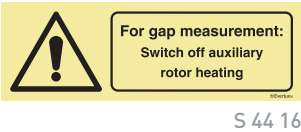
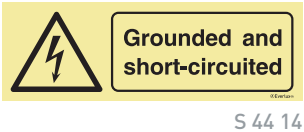


(mm)
Diam. 80

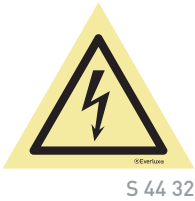
Self-adhesive signs
supplied in sheets of
12 units



(mm)
300x100



Only available in
self-adhesive vinyl



(mm)
base 150
base 200

Only available in
self-adhesive vinyl



(mm)
200x300
300x400

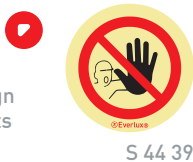
Only available in
rigid plastic and
aluminium

Offshore wind - safety signs

Prohibition signs

(mm)
Diam. 80

Self-adhesive sign
supplied in sheets
of 12 units



(mm)
300x100

Only available in
self-adhesive vinyl



(mm)
200x200

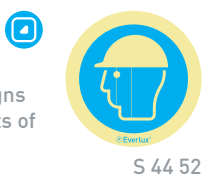
Magnetic sign



Mandatory and personal protective equipments signs

(mm)
Diam. 80

Self-adhesive signs
supplied in sheets of
12 units



(mm)
300x100

Only available in
self-adhesive vinyl

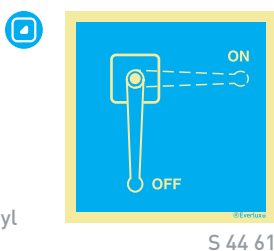


Signs for manually operated devices

(mm)
150x150
200x150(*)

(*) Only available
in this size

Only available in
self-adhesive vinyl



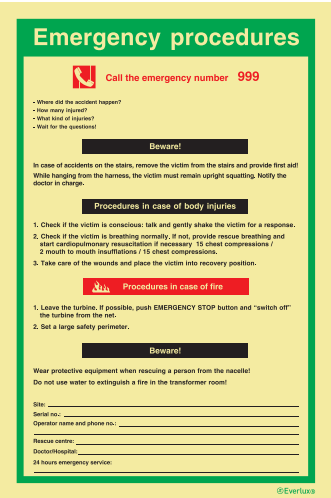
Emergency, fire and prohibition signs

(mm)
150x150
200x200
300x300
400x400
600x600

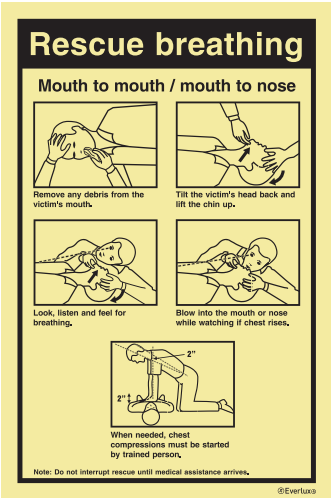


Only available in
self-adhesive vinyl

Safety procedures



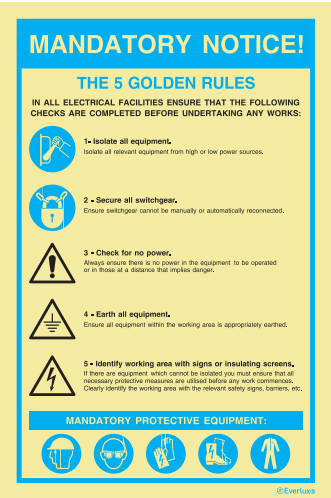
S 44 70



S 44 73

▶ (mm)
200x300
✎

Only available in self-adhesive vinyl



(*) S 44 76



S 44 77

▶ (mm)
200x150
◻ (*)200x300

(*) Only available in this size

Only available in self-adhesive vinyl

Offshore wind - safety signs bilingual cross reference table

Supplementary texts in the following languages:			
EN	NO - EN	NL - EN	ES - EN
S4411	S4418	S4425	S4405
S4412	S4419	S4426	S4406
S4413	S4420	S4427	S4407
S4414	S4421	S4428	S4482
S4415	S4422	S4429	S4483
S4416	S4423	S4430	S4484
S4417	S4424	S4431	S4485
S4433	S4434	S4435	S4486
S4436	S4437	S4438	S4487
S4440	S4443	S4446	S4488
S4441	S4444	S4447	S4489
S4442	S4445	S4448	S4490
S4449	S4450	S4451	S4491
S4458	S4459	S4460	S4492
S4461	S4464	S4467	S4493
S4462	S4465	S4468	S4494
S4463	S4466	S4469	S4495
S4470	S4471	S4472	S4496
S4473	S4474	S4475	S4497
S4476	S4478	S4480	S4498
S4477	S4479	S4481	S4499

The ☞Everlux® safety signs for the Offshore Wind Industry are available in several bilingual supplementary text options: NO - EN, NL - EN and ES - EN. If you wish to order these signs in any of the bilingual options please refer to the item code cross reference table and use the respective sign code in your purchase order.

Safety signs for water parks, swimming pools and beaches



Safety signage in water parks is very important due to the increase in the number of these infra-structures as well as the related number of serious accidents occurring in these areas. Safety signs should be used in water activity areas in order to alert its users to the rules in place and to any potential hazards, thereby consequently prevent dangerous behaviour. These signs are in compliance with ISO 20712-1 and BS 5499-11.

Our water safety signs are manufactured in 3mm thick white aluminium composite material and feature an anti-graffiti protective clear film. This film also provides signs with effective protection for outdoor installations, humid environments or in the presence of water containing a strong acid or alkaline content (eg: lime and chlorine).

Prohibition signs

(mm)

200x200

300x300

400x400(*)

(*) Also available
in this size



(*) S 45 01



(*) S 45 02



(*) S 45 03



(*) S 45 04



S 45 05



(*) S 45 06



(*) S 45 07



(*) S 45 08



(*) S 45 09



(*) S 45 10



S 45 11



(*) S 45 12



(*) S 45 13



S 45 14



S 45 15



(*) S 45 16



(*) S 45 17



S 45 18



S 45 19




S 45 20



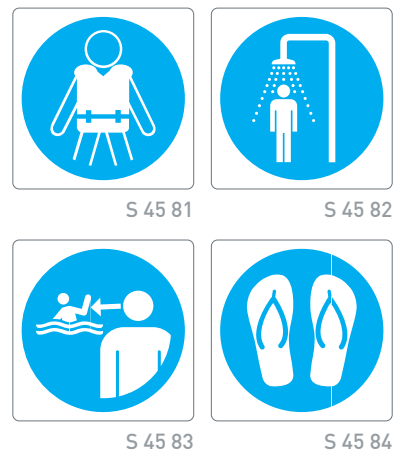
S 45 21


Warning signs



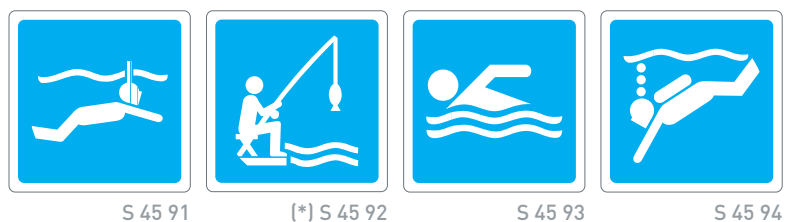
 (mm)
(*) 200x200
300x300
(*) Also available
in this size


Mandatory signs



 (mm)
200x200
300x300

Information signs



 (mm)
200x200
300x300
(*) 400x400
(*) Also available
in this size

Temporary tie tags



Warning sign tags

(mm)
75x150



All the Everlux® tie tags have a clear protective film which provides them with a rewritable feature

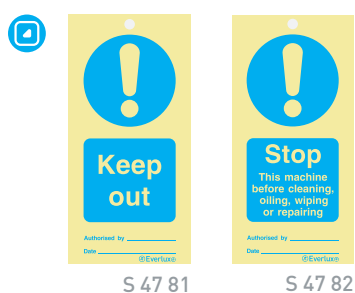
Prohibition sign tags

(mm)
75x150



Mandatory sign tags

(mm)
75x150

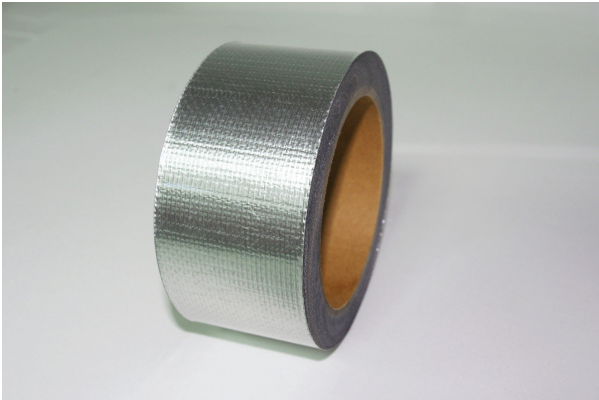


Anti-splashing tape

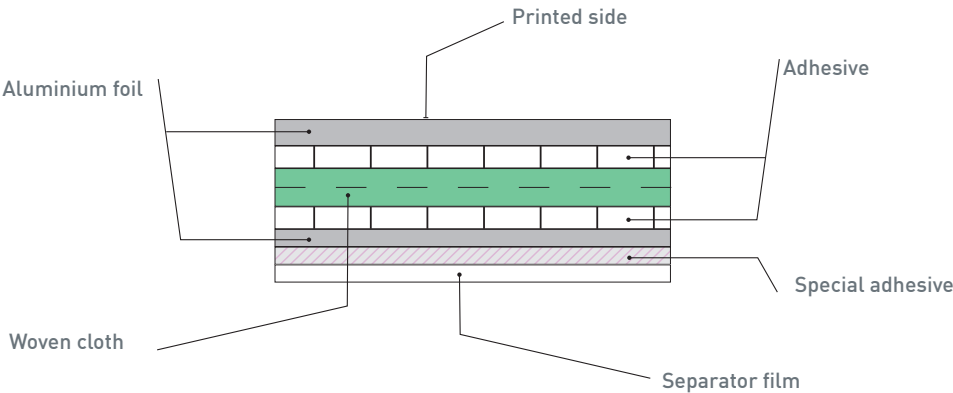


Anti-Splashing Tape Model N° 888FN was designed to protect pipeline installations against leakage and splashing of fuel oil, lube oil and other flammable oils. This tape is used for applications in the marine and offshore industries in screening of pipe joints, valves and fittings in accordance with SOLAS Consolidated Edition, 2004, Chapter II-2/ Regulations 4, item 2.2.5.3.

The Anti-Splashing Tape Model N° 888FN is available in tape format of various sizes versions and an adhesive agent is applied on one side and covered by separator film to ensure easy installation.



Tape components:



Aluminium foils are superimposed on both sides of the glass woven cloth together with a special acrylic adhesive agent to form a laminate structure. The tape has the ship classification societies' logos printed on its surface to ensure the market of its full compliance with SOLAS regulations.

Specification of tape ¹	
For use:	On pipes and joints for heavy fuel oil
Maximum temperature:	424° K (150 °C)
Maximum pressure:	3.0 MPa (30 bar)
Approved pressure:	1.5 MPa (15 bar)

¹ Reference - Details of approval by Lloyd's Register(LR)

Availability	
Reference:	Size (Width x Length) /Roll
S 51 00	25mm x 10m
S 51 01	35mm x 10m
S 51 02	50mm x 10m
S 51 03	100mm x 10m
S 51 04	140mm x 10m
S 51 05	250mm x 10m
S 51 06	500mm x 10m

Pipe content identification

Pipe identification colour-coded tape according to ISO 14726:2008 and NORSOK L-004



length (m)
25

width (mm)
50



The Everlux® marking solution for piping systems is available in single colour and in multiple colour self-adhesive vinyl rolls.



The single colour (main colours which indicate a group of similar media) rolls can be combined in order to attain the colour coding that identifies specific contents.



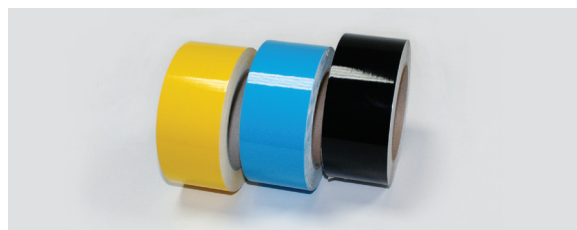
The multiple colour rolls are available with the different colour combinations for every specific pipe content and are the ideal solution to save installation time.



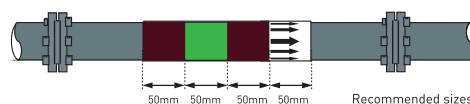
The Everlux® marking solutions for pipe content identification are compliant with ISO 14726: 2008 and NORSOK L-004.



Medium	Colour		Item code
Waste media	Black		S 50 01
Fresh water	Blue		S 50 02
Fuel	Brown		S 50 03
Sea water	Green		S 50 04
Non-flammable gases	Grey		S 50 05
Air and sounding pipes	Maroon		S 50 06
Oils other than fuels	Orange		S 50 07
Steam	Silver		S 50 08
Fire fighting	Red		S 50 09
Acids, alkalis	Violet		S 50 10
Air in ventilation systems	White		S 50 11
Flammable gases	Yellow		S 50 12
Flow arrows	-		S 50 00



These self-adhesive vinyl rolls can be combined (additional colour) in order to attain the colour coding that identifies each specific content.



Installation Points: Pipelines should be marked at least once in each room; at each penetration point in bulkheads, walls and decks; close to each valve; within a distance of 3m to 5m of the length of the pipeline whereby local conditions may require more marking due to pipe bends or the close proximity of pipes for different services.

Waste Media	Colours	Item codes
Black water		S 50 01 - S 50 02 - S 50 01
Waste oil/used oil		S 50 01 - S 50 03 - S 50 01
Bilge water		S 50 01 - S 50 04 - S 50 01
Exhaust gas		S 50 01 - S 50 05 - S 50 01
Grey water		S 50 01 - S 50 11 - S 50 01
Sewage, contaminated		S 50 01 - S 50 12 - S 50 01

Fresh Water	Colours	Item codes
Fresh water, sanitary		S 50 02 - S 50 03 - S 50 02
Potable water		S 50 02 - S 50 04 - S 50 02
Distillate		S 50 02 - S 50 05 - S 50 02
Gas-turbine wash water		S 50 02 - S 50 07 - S 50 02
Feed water		S 50 02 - S 50 08 - S 50 02
Cooling fresh water		S 50 02 - S 50 10 - S 50 02
Chilled water		S 50 02 - S 50 11 - S 50 02
Condensate		S 50 02 - S 50 12 - S 50 02

Fuel	Colours	Item codes
Heavy fuel oil (HFO)		S 50 03 - S 50 01 - S 50 03
Aviation fuel		S 50 03 - S 50 02 - S 50 03
Biological fuel		S 50 03 - S 50 10 - S 50 03
Gas-turbine fuel		S 50 03 - S 50 11 - S 50 03
Marine diesel oil (MDO)		S 50 03 - S 50 12 - S 50 03

Flow arrows	Colours	Item codes
Flow arrows		S 50 00

Sea water	Colours	Item codes
Decontamination water		S 50 04 - S 50 02 - S 50 04
Sea water, sanitary		S 50 04 - S 50 03 - S 50 04
Ballast water		S 50 04 - S 50 10 - S 50 04
Cooling sea water		S 50 04 - S 50 12 - S 50 04

Non-flammable gases	Colours	Item codes
Oxygen		S 50 05 - S 50 02 - S 50 05
Inert gas		S 50 05 - S 50 03 - S 50 05
Nitrogen		S 50 05 - S 50 04 - S 50 05
Refrigerant		S 50 05 - S 50 06 - S 50 05
Compressed air LP (Low pressure)		S 50 05 - S 50 07 - S 50 05
Compressed air HP (High pressure)		S 50 05 - S 50 09 - S 50 05
Control air/regulating air		S 50 05 - S 50 10 - S 50 05
Breathing air*		S 50 05 - S 50 11 - S 50 05
Breathing gas*		S 50 05 - S 50 12 - S 50 05

* This marking is used in submarines for distribution systems of breathing air from cylinders.

Fire fighting/ fire protection	Colours	Item codes
Fire-fighting water		S 50 09 - S 50 04 - S 50 09
Fire-fighting gas		S 50 09 - S 50 05 - S 50 09
Sprinkler water		S 50 09 - S 50 07 - S 50 09
Spray water		S 50 09 - S 50 10 - S 50 09
Fire-fighting powder		S 50 09 - S 50 11 - S 50 09
Fire-fighting foam		S 50 09 - S 50 12 - S 50 09

Pipe content identification

Pipe identification colour-coded tape according to ISO 14726: 2008 and NORSOK L-004



Steam	Colours	Item codes
Steam for heating purposes		S 50 08 - S 50 01 - S 50 08
Driving steam		S 50 08 - S 50 04 - S 50 08
Exhaust steam		S 50 08 - S 50 11 - S 50 08
Supply steam		S 50 08 - S 50 12 - S 50 08

Flammable gases	Colours	Item codes
Hydrogen		S 50 12 - S 50 02 - S 50 12
Acetylene		S 50 12 - S 50 05 - S 50 12
Liquid gas		S 50 12 - S 50 10 - S 50 12

Non-flammable gases	Colours	Item codes
Oxygen		S 50 05 - S 50 02 - S 50 05
Inert gas		S 50 05 - S 50 03 - S 50 05
Nitrogen		S 50 05 - S 50 04 - S 50 05
Refrigerant		S 50 05 - S 50 06 - S 50 05
Compressed air HP (High pressure)		S 50 05 - S 50 09 - S 50 05
Control air/regulating air		S 50 05 - S 50 10 - S 50 05
Breathing air*		S 50 05 - S 50 11 - S 50 05
Breathing gas*		S 50 05 - S 50 12 - S 50 05

* This marking is used in submarines for distribution systems of breathing air from cylinders.

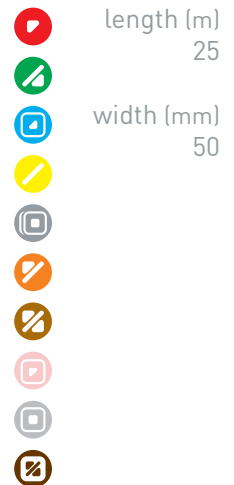
Air and sounding pipes	Colours	Item codes
Waste media		S 50 06 - S 50 01 - S 50 06
Fresh water		S 50 06 - S 50 02 - S 50 06
Fuel		S 50 06 - S 50 03 - S 50 06
Sea water		S 50 06 - S 50 04 - S 50 06
Non-flammable gases		S 50 06 - S 50 05 - S 50 06
Oils other than fuels		S 50 06 - S 50 07 - S 50 06
Steam		S 50 06 - S 50 08 - S 50 06
Fire fighting		S 50 06 - S 50 09 - S 50 06
Acids, alkalis		S 50 06 - S 50 10 - S 50 06
Ventilation system		S 50 06 - S 50 11 - S 50 06
Flammable gases		S 50 06 - S 50 12 - S 50 06

Oils other than fuels	Colours	Item codes
Thermal fluid		S 50 07 - S 50 02 - S 50 07
Lubrication oil for gas turbines		S 50 07 - S 50 04 - S 50 07
Hydraulic fluid		S 50 07 - S 50 05 - S 50 07
Lubrication oil for steam turbines		S 50 07 - S 50 08 - S 50 07
Lubrication oil for gears		S 50 07 - S 50 10 - S 50 07
Lubrication oil for internal combustion engines		S 50 07 - S 50 12 - S 50 07

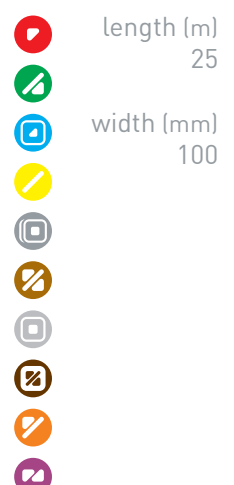
Non-flammable gases	Colours	Item codes
Oxygen		S 50 05 - S 50 02 - S 50 05
Inert gas		S 50 05 - S 50 03 - S 50 05
Nitrogen		S 50 05 - S 50 04 - S 50 05
Refrigerant		S 50 05 - S 50 06 - S 50 05
Compressed air LP (Low pressure)		S 50 05 - S 50 07 - S 50 05
Compressed air HP (High pressure)		S 50 05 - S 50 09 - S 50 05
Control air/regulating air		S 50 05 - S 50 10 - S 50 05
Breathing air*		S 50 05 - S 50 11 - S 50 05
Breathing gas*		S 50 05 - S 50 12 - S 50 05

* This marking is used in submarines for distribution systems of breathing air from cylinders.

Air in ventilation systems	Colours	Item codes
Discharge air		S 50 11 - S 50 01 - S 50 11
Mechanical supply air, cold		S 50 11 - S 50 02 - S 50 11
Natural exhaust air		S 50 11 - S 50 03 - S 50 11
Atmospheric air		S 50 11 - S 50 04 - S 50 11
Mechanical exhaust air		S 50 11 - S 50 05 - S 50 11
Decontaminated supply air		S 50 11 - S 50 06 - S 50 11
Mechanical recirculated air		S 50 11 - S 50 07 - S 50 11
Mechanical supply air, warm		S 50 11 - S 50 08 - S 50 11
Smoke clearance		S 50 11 - S 50 09 - S 50 11
Conditioned supply air		S 50 11 - S 50 10 - S 50 11
Natural supply air		S 50 11 - S 50 12 - S 50 11



Multiple colour rolls according to ISO 14726: 2008 and NORSOK L-004



Pipe content identification

Multiple colour rolls according to ISO 14726: 2008 and NORSOK L-004

length (m)
25

width (mm)
100

























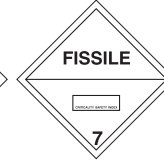
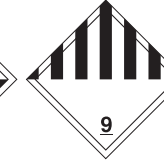
						
	S 52 18 Chilled water	S 52 19 Condensate	S 52 20 Non-flammable gases	S 52 21 Oxygen	S 52 22 Inert gas	S 52 23 Nitrogen
						
	S 52 24 Refrigerant	S 52 25 Compressed air LP (low pressure)	S 52 26 Compressed air HP (high pressure)	S 52 27 Control air/ regulating air	S 52 28 Breathing air	S 52 29 Breathing gas
						
	S 52 30 Steam for heating processes	S 52 31 Driving steam	S 52 32 Exhaust steam	S 52 33 Supply steam	S 52 34 Waste media	S 52 35 Fresh water
						
	S 52 36 Fuel	S 52 37 Sea water	S 52 38 Non-flammable gases	S 52 39 Oils other than fuels	S 52 40 Steam	S 52 41 Fire fighting
						
	S 52 42 Acids, Alkalis	S 52 43 Ventilation system	S 52 44 Flammable gases	S 52 45 Oils other than fuels	S 52 46 Thermal fluid	S 52 47 Lubrication oil for gas turbines
						
	S 52 48 Hydraulic fluid	S 52 49 Lubrication oil for steam turbines	S 52 50 Lubrication oil for gears	S 52 51 Lubrication oil for internal combustion engines	S 52 52 Heavy fuel oil (HFO)	S 52 53 Aviation fuel
						
	S 52 54 Biological fuel	S 52 55 Gas-turbine fuel	S 52 56 Marine diesel oil (MDO)	S 52 57 Fire fighting water	S 52 58 Fire-fighting gas	S 52 59 Sprinkler water
						
	S 52 60 Spray water	S 52 61 Fire-fighting powder	S 52 62 Fire-fighting foam	S 52 63 Discharge air	S 52 64 Mechanical supply air, cold	S 52 65 Natural exhaust air
						
	S 52 66 Atmospheric air	S 52 67 Mechanical exhaust air	S 52 68 Decontaminated supply air	S 52 69 Mechanical recirculated air	S 52 70 Mechanical supply air, warm	S 52 71 Smoke clearance
						
	S 52 72 Conditioned supply air	S 52 73 Natural supply air	S 52 74 Flammable gases	S 52 75 Hydrogen	S 52 76 Acetylene	S 52 77 Liquid gas

Signs according to the IMDG Code specifications





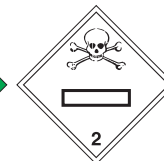






The International Maritime Dangerous Goods (IMDG) Code has been developed to create a uniform international code for the transport of dangerous goods by sea. The IMDG Code became mandatory in January 2004 through the adoption of the amendments to SOLAS chapter VII (Carriage of Dangerous Goods).

Hazard warning signs with classification numbers

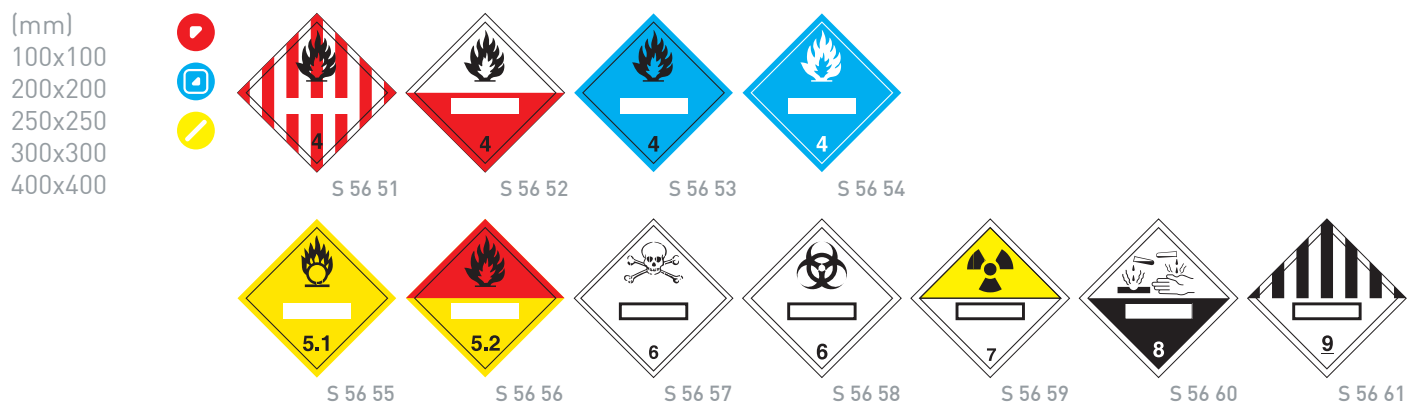
						    	(mm)
S 55 01	S 55 02	S 55 03	S 55 04	S 55 05	S 55 06		100x100
							200x200
							250x250
							300x300
S 55 07	S 55 08	S 55 09	S 55 10	S 55 11	S 55 12		400x400
							
S 55 14	S 55 15	S 55 16	S 55 17	S 55 18	S 55 19	S 55 20	
							
S 55 21	S 55 22	S 55 23	S 55 24	S 55 25	S 55 26	S 55 27	
							
S 55 28	S 55 29	S 55 30	S 55 31	S 55 32	S 55 33	S 55 34	

Hazard warning signs with UN numbers

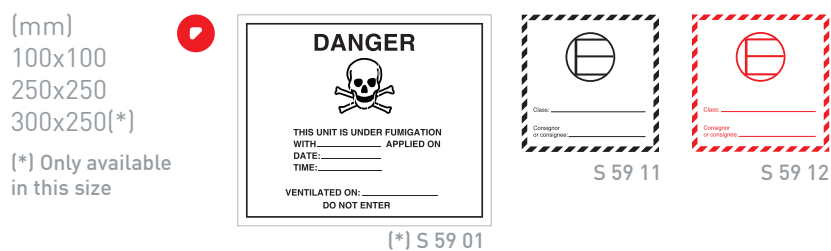
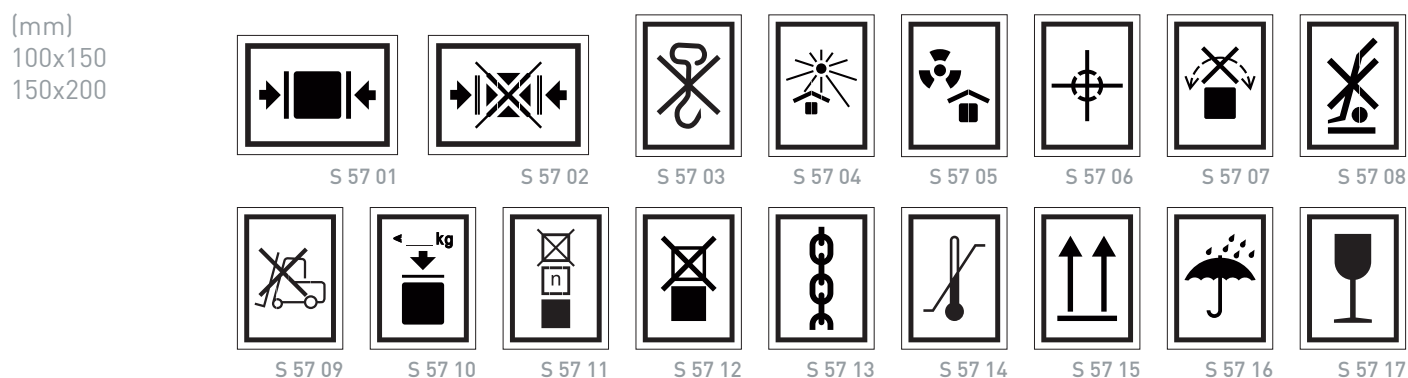
							 	(mm)
S 56 01	S 56 02	S 56 03	S 56 04	S 56 05	S 56 06	S 56 07		100x100
								200x200
								250x250
								300x300
								400x400

Signs according to the IMDG Code

Hazard warning signs with UN numbers



Marking signs for packages



Safety signage according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures




Safety awareness and training procedures

Info panels with sign symbols and meaning descriptions

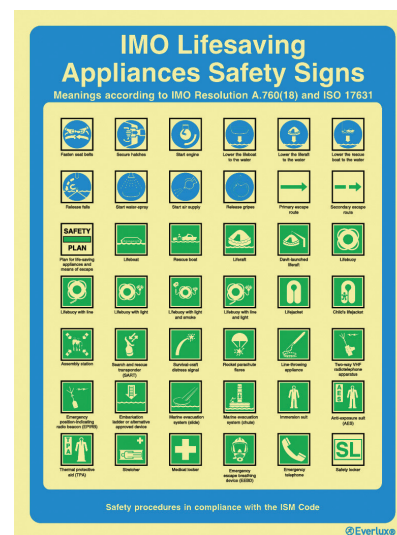


The IMO International Safety Management (ISM) Code was developed with the aim of implementing safety practises at sea which would lead to the prevention of human injury or loss of life as well as the prevention of damage to the environment and property.

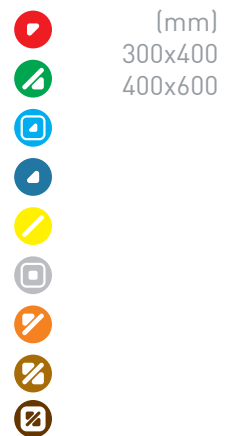
The  Everlux® safety procedures are in compliance with the ISM Code and provide you with the necessary training and information requirements that must be displayed on board.



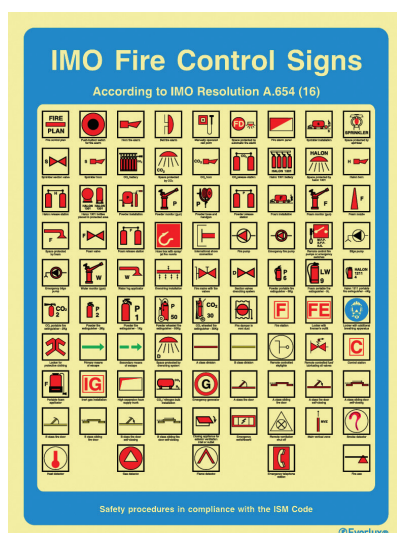
S 60 01



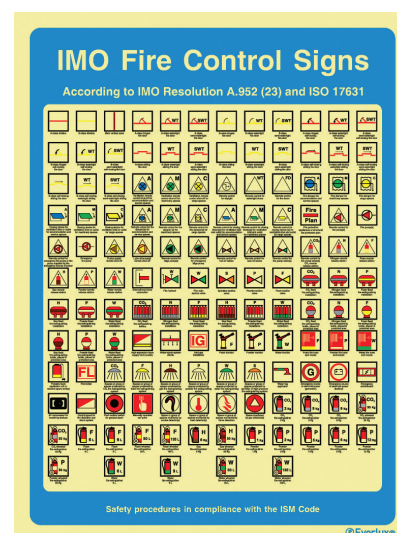
S 60 02



(mm)
300x400
400x600



S 60 03

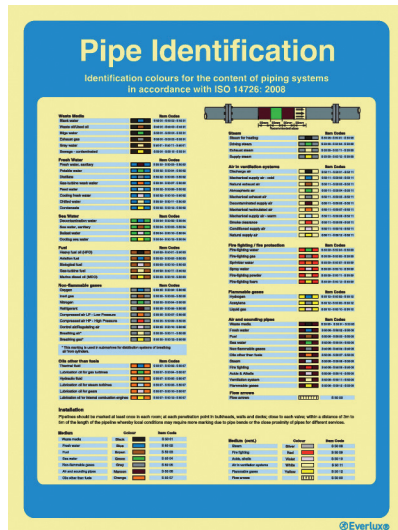


S 60 04

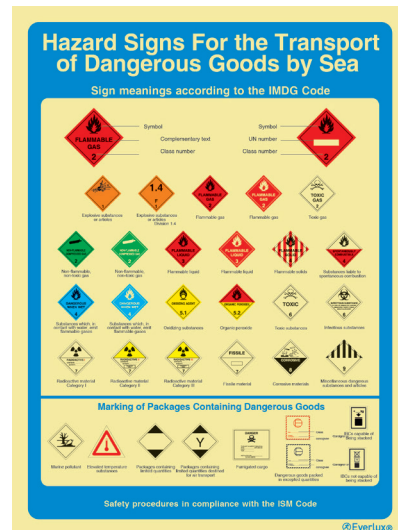
Safety awareness and training procedures

Info panels with sign symbols and meaning descriptions

(mm)
300x400
400x600



S 60 05



S 60 06



S 60 07

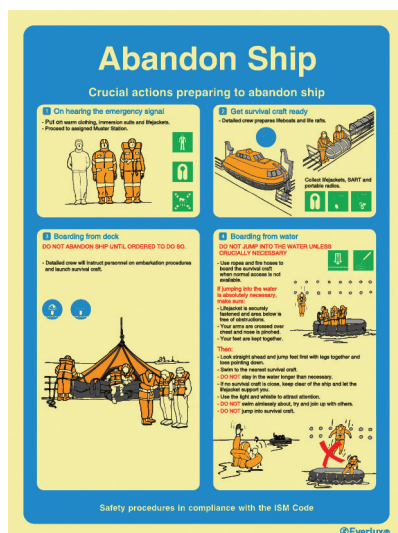


[*] S 60 08

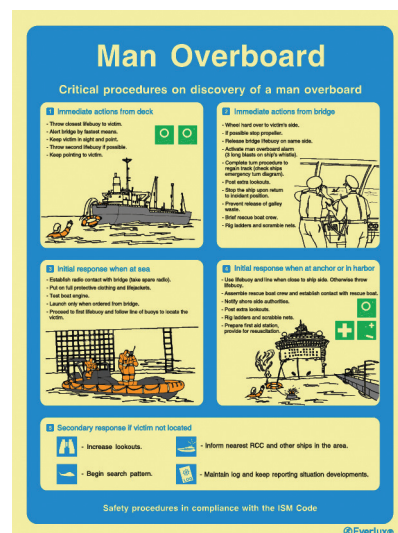
[*] This panel is only available in white rigid plastic and white self-adhesive vinyl.

Evacuation and life-saving safety procedures

(mm)
300x400
400x600



S 60 51

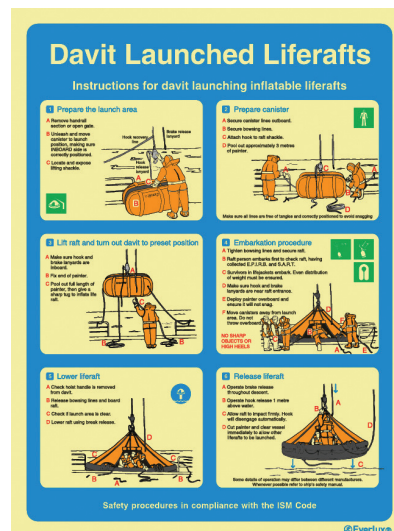


S 60 52

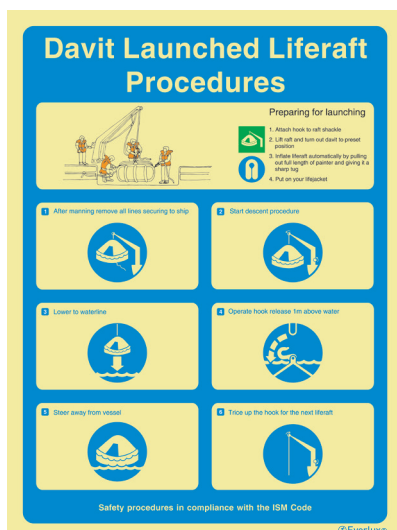
Evacuation and life-saving safety procedures



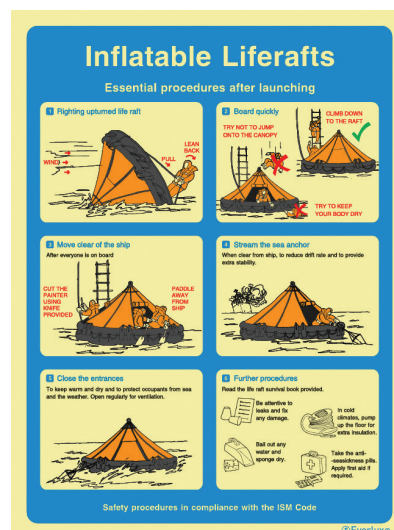
S 60 53



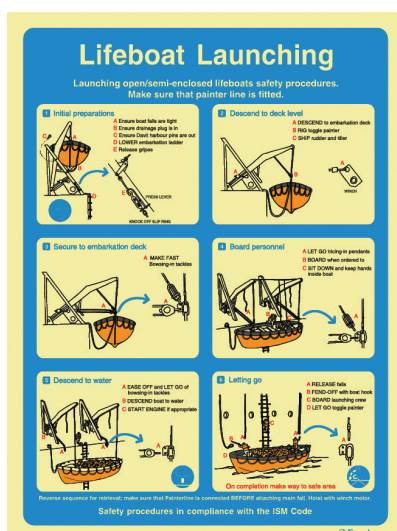
S 60 54



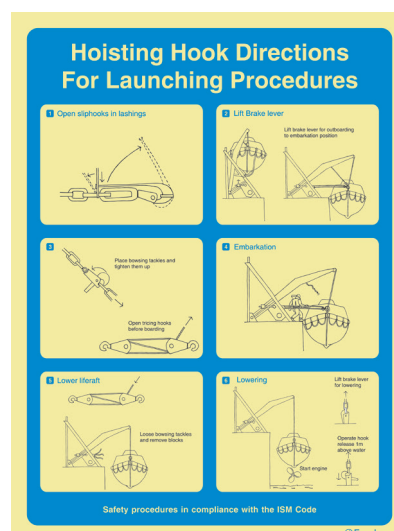
S 60 73



S 60 55



S 60 56



S 60 72

(mm)
300x400
400x600



Safety awareness and training procedures

Evacuation and life-saving safety procedures

(mm)
300x400
400x600



Fully Enclosed Lifeboat Launching From Stowed Position

Procedures for launching (SOLAS consolidated 2004 edition chapter II, regulation 23)

Initial measures

- Make sure before starting you are not in a dangerous atmosphere, open vents.
- Disconnect electrical charge cable.
- Check that the lifeboat is ready to launch.
- Put E.P.I.B.E. and S.A.S.T. in place.
- When instructed, launch and lower the lifeboat.

Launch actions

- Release gas/electricity when needed.
- Secure hatch.
- When in a safe atmosphere, open vents.
- When in a dangerous atmosphere, close vents.
- Ensure crew must wear seat belts (if available).

Lower to water

- Confirm if space below is clear.
- Operate brake release.
- Do not use safety spring device.
- Lower boat at steady rate.

Entering water

- Allow boat to settle in the water.
- Keep brake off.
- Change life.
- If life is not secure, operate emergency release as follows:
 1. Drive pins.
 2. Release pins.
 3. Release life.

Letting go

- Start engine.
- When in a dangerous atmosphere, open all supply and water supply valves.
- When ready, release partner.
- Clear away from ship.

Final procedures

- Release any remaining harness only when safe to do so.
- When clear of vessel, ensure sea anchors.
- Operate E.P.I.B.E. and S.A.S.T.

Safety procedures in compliance with the ISM Code

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Lifeboat Launching in a Dangerous Environment

Safety procedures

Confirm course to safe area

- Before launching, ensure complete heading of lifeboat direction. Shortest way to safety is usually direction into the wind.

How to prepare

- Do it for 10 minutes before and after launch.
- Person in charge must shut off harness and ventilators when emergency is no longer.

Begin air supply for passengers and engine

- Open all valve valves in boat.
- Do not open only for 10 minutes.
- Do not open.

Launch and start sprays

- When released in water, run the engine at full speed.
- Open the water valve in boat. A spray will operate the spray system.

Head for safety

- Downside life is released from clear area in a emergency situation to a location where you will not be back into danger.
- When well clear, open ventilators and shut off air and water supply system.
- Do not stop. Release only out of danger.

Release information

- Every boat or equipment will be identified by an IMO number.
- For further instructions, read the following manual.
- Do not stop. Release only out of danger.
- Do not stop. Release only out of danger.

Safety procedures in compliance with the ISM Code

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Partially and Fully Enclosed Lifeboats

Launching in clear atmosphere conditions

Initial measures

- 1. Release from rest and the lifeboat.
- 2. Release safety pins.

Launch actions

- 1. Release pins.
- 2. Release life.

Lower to water

- 1. Release pins.
- 2. Release life.

Entering water

- 1. Release pins.
- 2. Release life.

Letting go

- 1. Release pins.
- 2. Release life.

Final procedures

- 1. Release pins.
- 2. Release life.

Safety procedures in compliance with the ISM Code

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S 60 74

Free Fall Lifeboat Launching

Procedures

Mustard crew

- Turn on flashlight if necessary.
- Include lifeboat in muster roll and not be released until after launch.
- Make sure lifeboat is clear to launch with recovery slings and given destination.
- Open embarkation door.

Check before launching

- Make sure launch area free from obstructions.
- Check water is deep enough for landing.
- Check water is deep enough for landing.

Embarkation

- Runners without designated seats.
- Hatch and ventilators must be closed.
- Do not stop and return.
- Follow seat belts and head restraints.
- Hatchmen: check all seats.

Launching

- Emergency release. Use brace seat when provided.
- Hatchmen: operate hydraulic release and then life, operate emergency release.

Further actions

- Open ventilation or operate compressed air supply and water spray if required.
- Clear area and operate water release system.

Safety procedures in compliance with the ISM Code

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Evacuation Chutes & Slides

Safety procedures for abandoning ship with vertical chutes or angled slides

When you hear the emergency signal

- Prepare exits, chutes or slides for launching following the instructions.
- Remove guard rails and open doors.
- Do not launch and disembarkation in abandon ship are given.

Preparing to use the chute or slide

- All persons using the chute or slide must be wearing lifebelts.
- All ladders must be in place.
- Remove all doors and slides.

Using vertical chutes

- Make sure all doors and slides are ready to launch.
- At the chute edge and take hold of grab bar.
- Do not launch and disembarkation in abandon ship are given.

After descending the chute

- When reaching the safe platform at the bottom of the chute, rapidly move away from the chute to the safe area for the next person.
- Only one person is allowed to board the chute.

Using angled slides

- Make sure all doors and slides are ready to launch.
- At the chute edge and take hold of grab bar.
- Do not launch and disembarkation in abandon ship are given.

After descending the slide

- When reaching the safe platform at the bottom of the slide, rapidly move away from the slide to the safe area for the next person.
- Only one person is allowed to board the slide.

Safety procedures in compliance with the ISM Code

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S 60 60

Life Saving Signals

International search and rescue communication signals

General instructions

- Use the following signals for search and rescue.
- Use the following signals for search and rescue.

Search and rescue signals

- Use the following signals for search and rescue.
- Use the following signals for search and rescue.

Search and rescue signals

- Use the following signals for search and rescue.
- Use the following signals for search and rescue.

Search and rescue signals

- Use the following signals for search and rescue.
- Use the following signals for search and rescue.

Safety procedures in compliance with the ISM Code

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S 60 61



(mm)
150x200
200x300

S 60 71



(mm)
150x200
200x300



(mm)
200x150



(mm)
300x400
400x600

S 61 22

Safety awareness and training procedures

Evacuation and life-saving safety procedures

(mm)
300x400
400x600



Immersion Suit Donning

Instructions on how to put on an immersion suit

1. Open storage bag and remove the suit.
2. Step in the suit with legs first.
3. Pull the suit up and place left arm into sleeve of suit. Pull the hood of the suit over your head and slip with right arm into the sleeve.
4. Pull the zipper slowly upwards and secure flap over your face. Ensure that no clothes are in between the 2 sides of the zipper.
5. Put on lifejacket.
6. Enter the water with feet first and head both arms up, covering your face.

Make sure that all zippers and flaps are secure to avoid being trapped or caught.

Immersion suits should be fully donned in the vessel's cabin as the buoyancy force makes it difficult to escape from enclosed spaces. This is recommended for the only safe exit route. Do not attempt to leave your accommodation or donning and use.

Safety procedures in compliance with the ISM Code

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S 61 23

Helicopter Procedures

Winching

Refer to the appropriate flag state and international guidelines and procedures such as the "Ship-to-Helicopter" (Ship operator) by the ICS.

1. Preparation
 - Check the helicopter operating area if this is not clearly identified or stated.
 - Check the helicopter's position and ensure it is clear of the area.
 - Check the helicopter's position and ensure it is clear of the area.
 - Check the helicopter's position and ensure it is clear of the area.
 - Check the helicopter's position and ensure it is clear of the area.
2. Pre-arrival
 - Provide the following information to the ship operator: ship name, position, height of masthead, etc., and ensure it is clear of the area.
 - Check the helicopter's position and ensure it is clear of the area.
 - Check the helicopter's position and ensure it is clear of the area.
 - Check the helicopter's position and ensure it is clear of the area.
 - Check the helicopter's position and ensure it is clear of the area.
3. Helicopter communication
 - Establish clear contact and maintain a steady state of readiness.
 - Provide the helicopter with an update on current weather conditions.
 - Provide the helicopter with the ship's position including the ship's name.
 - Do not attempt to land or take off unless it is clearly stated.
 - Do not attempt to land or take off unless it is clearly stated.
4. Helicopter approach
 - Ensure the helicopter is in the correct position and speed.
 - Ensure the helicopter is in the correct position and speed.
 - Ensure the helicopter is in the correct position and speed.
 - Ensure the helicopter is in the correct position and speed.
 - Ensure the helicopter is in the correct position and speed.
5. Ho-Line Technique
 - Ensure the helicopter is in the correct position and speed.
 - Ensure the helicopter is in the correct position and speed.
 - Ensure the helicopter is in the correct position and speed.
 - Ensure the helicopter is in the correct position and speed.
 - Ensure the helicopter is in the correct position and speed.
6. Recovery
 - Ensure the helicopter is in the correct position and speed.
 - Ensure the helicopter is in the correct position and speed.
 - Ensure the helicopter is in the correct position and speed.
 - Ensure the helicopter is in the correct position and speed.
 - Ensure the helicopter is in the correct position and speed.

Safety procedures in compliance with the ISM Code

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S 61 24

Helicopter Rescue Sling

Safety instructions

1. Rescue sling
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
2. Putting on the rescue sling
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
3. Hoist technique
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
4. Other means of rescue
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.

Safety procedures in compliance with the ISM Code

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Descender Device

Safety instructions

1. First person to descend
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
2. Descender arm
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
3. First evacuee
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
4. Second evacuee to descend
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
5. Last person to descend
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
6. Last person to descend
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.
 - Use the most common form of helicopter rescue sling.

Safety procedures in compliance with the ISM Code

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S 61 26

Navigation and harbour approach safety procedures

(mm)
400x300
600x400



Required Boarding Arrangements for Pilot

In accordance with SOLAS Regulation V/23 & IMO Resolution A.1045(27)

1. RIGGING FOR FREEBOARD OF 3 METRES OR LESS
2. COMBINATION ARRANGEMENT FOR SHIPS WITH A FREEBOARD OF MORE THAN 3 METRES
3. PILOT LADDER WINCH REEL

Safety procedures in compliance with the ISM Code

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S 62 00

S 62 02

S 62 03

S 62 04

S 62 05

S 62 06

S 62 07

Navigation and harbour approach safety procedures

Item S 62 52 is a
double sided panel

S 62 51

S 62 52S 62 54

Health and safety operational procedures



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S 63 01

ⓈEverlux®

S 63 02

Health and safety operational procedures

Hot Works

Recommended safety preparations for hot works

Hot work consists of any operation which generates sufficient heat to ignite flammable materials.

- Plan the work**
 - Consider the risks associated with the working conditions when planning the work, to minimise risk, sufficient proximity to hazards and exposure. Put the priority controls to work and implement appropriate safety procedures.
 - Plan emergency escape routes and establish communication and emergency signals.
- Minimise the risks**
 - Consider what level of temperature required to ignite the hot work area and heat transfer to adjacent pipes and spaces.
 - Make sure operators wear proper protective clothing and equipment.
 - Plan safety escape routes and protect other workers from sparks, flames and electric arcs.
- Prepare work area**
 - Clear work area of all debris.
 - Isolate, tag and lock out all supply services.
 - Pipes and valves should be drained of liquid and gas first, then pipes should be isolated.
 - Flare pipes and lines with water before opening.
 - Enclosed spaces must have sufficient ventilation and atmosphere of fumes. And must also be certified as gas free by an authorised person.
- Safety during and after work**
 - A fit work person with suitable equipment and clear view of work area must be present. Check if the heat is not visible.
 - Welding and cutting equipment must be operational.
 - Any workers must be notified and gas bottles must be safely closed and secured.

Safety procedures in compliance with the ISM Code

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S 63 03

Welding & Flamecutting

Safety procedures during welding operations

- General**
 - A "Permit to Work" is required for welding and flamecutting outside of the workshop.
 - Operator must be trained for the process, know the equipment, be aware of potential hazards and use the verified equipment.
 - Flammable liquids for flammable must be secured in containers, not heat, not used.
 - Flammable liquids for flammable must be secured in containers, not heat, not used.
 - Flammable liquids for flammable must be secured in containers, not heat, not used.
- Protective clothing**
 - Welding clothing must comply with relevant international standards must be worn.
 - Leather welding gloves, if possible, must be worn.
 - Leather apron, leg flaps and boots and or other approved clothing.
 - Correct grade of welding helmet, goggles or shield.
 - Non-reflective safety footwear.
- Precautions against fire & explosions**
 - When welding close to flammable materials, always keep the work area clear of flammable materials.
 - All welding and flamecutting must be supervised, including area not visible to operator. Suitable extinguishers must be ready to use.
 - Make sure the area is free of debris and flammable vapours. All flammable materials must be removed or secured.
 - Isolation of liquids to all welding and flamecutting.
 - Isolation of liquids to all welding and flamecutting.
 - Isolation of liquids to all welding and flamecutting.
- Electric welding equipment**
 - Output from welding sets is potentially about current not over 75 volts with no return line.
 - Output from A.C. sets must have integral voltage limiting device to 250volts only, voltage must be confirmed 250 volts and must be used.
 - Adapt a "tap" and "start" button, allowing two cables from the set. The main cable must be directly connected to the work piece.
 - Any weld and TIG sets for operation must be inspected and approved by a competent person.
- Precautions during arc welding**
 - All protective clothing must be dry.
 - An accident must be in immediate readiness ready to action off, using protection for the work area and equipment.
 - Any electrical equipment must be safe, when the alarm and stop button is pressed.
 - When working close to flammable materials, always keep the work area clear of flammable materials.
 - Isolation of liquids to all welding and flamecutting.
 - Isolation of liquids to all welding and flamecutting.
 - Isolation of liquids to all welding and flamecutting.
- Precautions during gas welding & cutting**
 - For safe handling and storage of cylinders refer to gas supplier's manual.
 - Check the pressure in the cylinder is higher than the working pressure.
 - Any gas cylinder must be secured in containers, not heat, not used.
 - Any gas cylinder must be secured in containers, not heat, not used.
 - Any gas cylinder must be secured in containers, not heat, not used.

Safety procedures in compliance with the ISM Code

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S 63 04

Personal Protective Equipment

Choosing the correct personal safety equipment

- Head protection**
 - Protects from falling objects, falling debris, swinging blades and other hazards.
 - Protects from falling objects, falling debris, swinging blades and other hazards.
 - Protects from falling objects, falling debris, swinging blades and other hazards.
- Respiratory protection**
 - Protects from inhaling dust, fumes, vapours and gases.
 - Protects from inhaling dust, fumes, vapours and gases.
 - Protects from inhaling dust, fumes, vapours and gases.
- Eye protection**
 - Protects from flying debris, dust, fumes, vapours and gases.
 - Protects from flying debris, dust, fumes, vapours and gases.
 - Protects from flying debris, dust, fumes, vapours and gases.
- Hand protection**
 - Protects from cuts, abrasions, burns, and other hazards.
 - Protects from cuts, abrasions, burns, and other hazards.
 - Protects from cuts, abrasions, burns, and other hazards.
- Foot protection**
 - Protects from falling objects, falling debris, swinging blades and other hazards.
 - Protects from falling objects, falling debris, swinging blades and other hazards.
 - Protects from falling objects, falling debris, swinging blades and other hazards.
- Specialised Equipment**
 - Protects from falling objects, falling debris, swinging blades and other hazards.
 - Protects from falling objects, falling debris, swinging blades and other hazards.
 - Protects from falling objects, falling debris, swinging blades and other hazards.

Safety procedures in compliance with the ISM Code

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S 63 05

Self Contained Breathing Apparatus

Safety measures of use in hazardous conditions

Where recharging facilities are not available, empty and low charged cylinders should be labeled and stored elsewhere. Confirm that all certificates are valid. Read and learn the manufacturer's instructions.

- Check weekly and before using**
 - Check the date of the last service, and ensure it is valid.
 - Check the date of the last service, and ensure it is valid.
 - Check the date of the last service, and ensure it is valid.
- Donning the breathing apparatus**
 - Put the air on to clean air conditions.
 - Place the air on to clean air conditions.
 - Place the air on to clean air conditions.
- Regulating and verifying the functions**
 - Place face in mask, with other face.
 - Place face in mask, with other face.
 - Place face in mask, with other face.
- Getting ready to enter compartment**
 - Check the date of the last service, and ensure it is valid.
 - Check the date of the last service, and ensure it is valid.
 - Check the date of the last service, and ensure it is valid.
- Initiate operation**
 - Keep a record of each S.A. Water on station board.
 - Keep a record of each S.A. Water on station board.
 - Keep a record of each S.A. Water on station board.
- After operational use**
 - Check the date of the last service, and ensure it is valid.
 - Check the date of the last service, and ensure it is valid.
 - Check the date of the last service, and ensure it is valid.

Safety procedures in compliance with the ISM Code

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S 63 06

Enclosed Space Entry

Safety procedures for entering enclosed spaces

- Enclosed spaces are dangerous**
 - Due to HAZARD involved, any TRAINED and COMPETENT PERSONNEL should undertake enclosed space entry.
 - Due to HAZARD involved, any TRAINED and COMPETENT PERSONNEL should undertake enclosed space entry.
 - Due to HAZARD involved, any TRAINED and COMPETENT PERSONNEL should undertake enclosed space entry.
- Prepare equipment**
 - TOOLS are to be assembled at entrance and carried to job. No tools must be taken into the space.
 - ILLUMINATION must be adequate. Ladders and safety rails must be in good condition.
 - ACCESS must be adequate. Ladders and safety rails must be in good condition.
- Communications and procedures**
 - COMPETENT PERSON or person responsible for all operations.
 - CHECK LIST and entry permit must be completed and signed by the Master or a Senior Officer.
 - VALUITY PERIOD must not be exceeded. Otherwise, another entry permit must be issued.
- Prepare safety equipment**
 - CLEAR all work area and lines to eliminate as much of all safety as possible.
 - VENTILATE thoroughly and CONTINUOUSLY before and during operation. Provide for safe I.O. if necessary.
 - TEST ATMOSPHERE before and during operation of various levels and functions. Oxygen to be 20.9%, toxic and flammable gas concentrations as per company regulations.
- Prepare safety equipment**
 - COMBUSTIBLES must be labeled and in good order before person or entrance and throughout the operation. Personnel must be in the planned and understood.
 - SAFETY EQUIPMENT must be worn. Helmets, boots, gloves, mouth and personal gas monitor must be approved and in good condition.
 - RESCUE EQUIPMENT must be at entrance and tested. Breathing apparatus must be used and maintained. Personnel must be properly trained in the use of safety equipment.
- Avoid additional hazards**
 - Regular safety checks are vital while space is open or occupied.
 - ADJACENT SPACES may be hazardous and must be clearly labeled at all times whenever work is to be done in any space that has contained hazardous materials.
 - NO HOT WORK. The above procedure is not to be used in any space that has contained hazardous materials.

Safety procedures in compliance with the ISM Code

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S 63 07

Enclosed Space and Tank Rescue

Safety procedures for recovering a casualty from a dangerous atmosphere

- Raise the alarm**
 - Immediately.
 - Do not attempt to perform a rescue without appropriate equipment as the will endanger your own life.
 - Rescue in isolated areas is vital. Otherwise, rescue. Update emergency team.
- Commence rescue**
 - Rescue team must use rescue and communication equipment. Immediate action, breathing apparatus, personal gas monitors. Check if all equipment functions correctly. First aid team must be ready with resuscitation equipment.
 - Rescue team must use rescue and communication equipment. Immediate action, breathing apparatus, personal gas monitors. Check if all equipment functions correctly. First aid team must be ready with resuscitation equipment.
 - Rescue team must use rescue and communication equipment. Immediate action, breathing apparatus, personal gas monitors. Check if all equipment functions correctly. First aid team must be ready with resuscitation equipment.
- Emergency first aid and rescue**
 - Resuscitate the victim and stop serious bleeding.
 - Perform rescue maintaining radio contact with safe area.
- First aid and after care**
 - Carry out first aid in a safe area.
 - After rescue, the victim must be moved to a safe area. Consider evacuation from ship if necessary.
 - After rescue, the victim must be moved to a safe area. Consider evacuation from ship if necessary.

Safety procedures in compliance with the ISM Code

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S 63 08

Safety awareness and training procedures

Health and safety operational procedures

(mm)
300x400
400x600



Safety Signs for Enclosed Space Entry

Safety signs used to mark hazardous areas

Test the atmosphere of any space before entering. Some enclosed spaces on this vessel may contain a hazardous atmosphere that will not support life.

Examples:
Waste tanks
Cofferdams
Duct keels
Ballast tanks
Fuel tanks
Cargo tanks
Bilge spaces
Paint stores
Pilot rooms
Turbochargers
Dry cargo spaces
Pump rooms

All entrances of these spaces must be marked with the following signs: **NOT TO BE DISREGARDED**

Danger
Low oxygen level

Even a small decrease in the oxygen level can kill you at alarming speed without notice. Rusty tanks and some cargoes absorb oxygen from the air.

Danger
Flammable atmosphere

The risk of explosion is of critical importance. Remember that even small pockets of gas displace the air you need. Suffocation and blackout is fast with no possibility of escape.

Danger
Toxic vapours

Some cargoes in all trades may release poisonous vapour into the air. You may not see or smell it. A drunken feeling followed by blackout and death is the likely conclusion.

No access
Authorized personnel only

One space can contain all these dangers.

Proper safety procedures for entering enclosed spaces must be carried out before allowing entrance. If in doubt check with someone in authority.

DO NOT endanger your life to save time or someone in difficulty. Follow the ENCLOSED SPACE ENTRY SAFETY PROCEDURES.

Safety procedures in compliance with the ISM Code

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S 63 09

Engine & Machinery Room Safety

Safe working procedures

General

- Do not enter alone. If in trouble, alert and assist a helper.
- Before entering a machinery space, make sure you wear the following protective clothing: safety glasses, protective gloves and sturdy shoes.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.

Unmanned machinery spaces - UMS

- Do not enter alone. The officer in charge of the bridge must always be notified.
- Before entering, communication procedures must be clearly understood.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.

Main engines and auxiliaries

- When working on engines, do not use tools and high temperatures.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.

Boilers

- Before entering, communication procedures must be clearly understood.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.

Refrigeration machine

- When working on the refrigeration machine, do not use tools and high temperatures.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.

Workshops and stores

- When working in the workshops and stores, do not use tools and high temperatures.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.

Safety procedures in compliance with the ISM Code

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S 63 10

Craneage Safety

Craneage hand signals and safe working practices

START

THREE LOCKS ON/OFF

REDUCE LOAD

STOP

EMERGENCY STOP

OPERATIONS CEASE

In the indicated direction

Signal with one hand and the other on head

Signal with both hands

In the indicated direction

Clutch and unclutch fingers to signal

Clutch and unclutch fingers to signal "take the strain" or "touch the load"

All facilities must have a competent operator for the ISM Code. Operators must have had adequate training. Do not lift, move, or lower any load without the operator's permission. Do not lift, move, or lower any load without the operator's permission. Do not lift, move, or lower any load without the operator's permission.

Safety procedures in compliance with the ISM Code

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S 63 11

Working Aloft or Outboard

Be aware of the risks when working outboard and aloft

Preparation

- All equipment must be checked in a well-ventilated space.
- Make sure equipment is in date, has correct test certificate if applicable and is fit for use.
- Any equipment must be checked in a well-ventilated space.
- Any equipment must be checked in a well-ventilated space.

Risk awareness

- See state
- Exhaust gases
- Flammable
- Drop objects
- Accidental radiation
- Overhead discharge
- Falling objects
- Preparations

Bringing

- Do not use a fire extinguisher in a machinery space unless you are trained to do so.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.

Use of portable equipment

- When using a portable equipment, do not use tools and high temperatures.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.

Working outboard

- When working outboard, do not use tools and high temperatures.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.
- Do not use a fire extinguisher in a machinery space unless you are trained to do so.

Safety procedures in compliance with the ISM Code

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S 63 12

Bunkering

Safety procedures

Procedures before bunkering

Actions:

- Establish communication between ship and bunkering tender.
- Prepare the lighting equipment.
- Set up traps and sensors in position.
- Plug receptors.
- Test the "on/off" and "no return" lights.
- Test the "on/off" and "no return" lights.
- Test the "on/off" and "no return" lights.

Check:

- Pressure and temperature are correctly monitored.
- Access between ship and bunker tender is safe.
- Emergency shut down procedure is discussed and agreed.
- Tools, valves and all other electrical equipment are fit for bunkering use.
- Adequate protective clothing is available and being used.
- At the end of the bunkering operation, the designated safety officer must be notified.
- At the end of the bunkering operation, the designated safety officer must be notified.

Procedures during bunkering

Actions:

- Take regular withdrawal of samples.
- Monitor loading and bunker tendering.
- Close valves when tank is loaded.
- Notify bunker tender when tank is being filled.
- Allow sufficient ullage in tank houses and lines.

Check:

- Supply the pressure and temperature.
- Tools, valves and all other electrical equipment are fit for bunkering use.
- Adequate protective clothing is available and being used.
- At the end of the bunkering operation, the designated safety officer must be notified.
- At the end of the bunkering operation, the designated safety officer must be notified.

Procedures after bunkering

Actions:

- Close and lock off receptors.
- Stand off before filling it over the side.
- Check and secure the tank.
- Check up any spill and minor spills.
- Send bunker samples for analysis.

Check:

- All tanks and hoses have been drained and blanketed.
- All bunker tank vents, venting lines, etc. are secured.
- All tanks are free from oil and oil equipment is cleaned properly.

Safety procedures in compliance with the ISM Code

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S 63 13

Fire & Explosion

Crucial procedures

Sound the alarm

- Assess the situation and report to control centre.
- Fire fight.
- Remove casualties and safety first aid.
- Do not put your own life at risk to fight a fire or rescue a casualty.

Immediate response

- Close to emergency stations. Passengers should be taken to muster or assembly stations or to their muster assembly stations.
- Emergency teams.
- Establish communication between incident scene and control centre. Control the person who discovered the incident.

Limit the damage

- Close all watertight and fire doors.
- Shut down ventilation systems and close all vents and fans.
- Remove all flammable materials.
- Establish and maintain emergency power.

Evaluate the situation

- Establish the situation.
- Assess structural damage, stability, amount of the fire, and other factors.
- Report to control centre.

Communicate

- Send distress signal and consider abandon ship.
- Turn on deck lighting.
- Contact with interested parties and port authorities. Notify any emergency or police.

Further actions in port

- Start the authorities.
- Communicate with the authorities. Provide the plans and other information.
- Establish communication with shore, the master and the crew.
- Consider moving vessel off berth.

Safety procedures in compliance with the ISM Code

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S 63 1

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S 63 16

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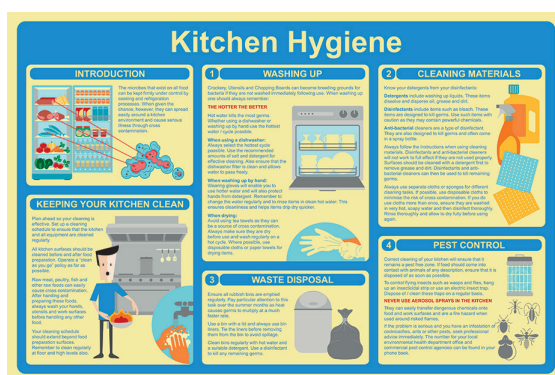
Safety awareness and training procedures

Health and safety operational procedures

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S 63 23



S 63 24



S 63 25

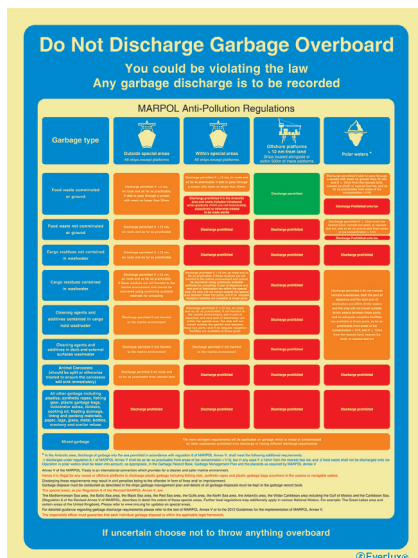


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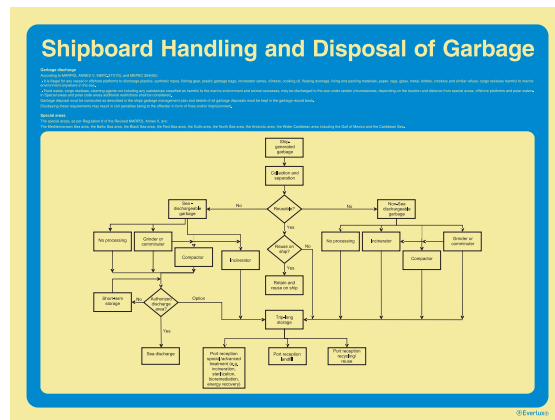
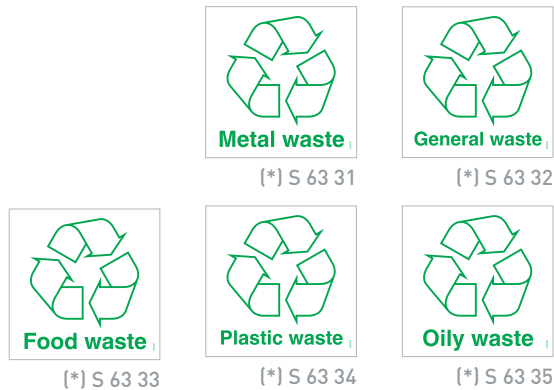
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S 63 21

Health and safety operational procedures



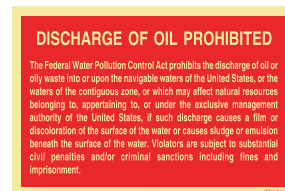
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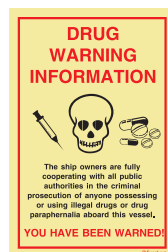
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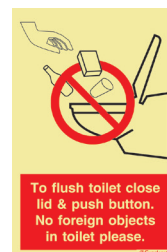
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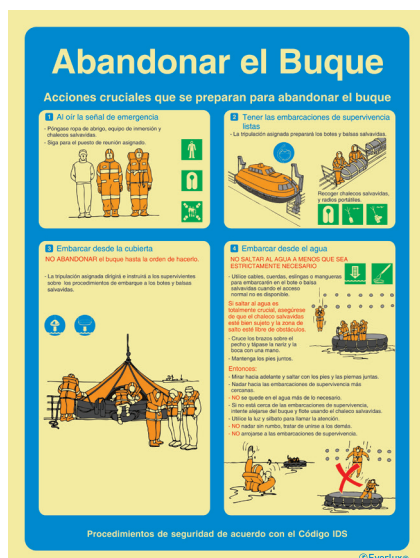
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Safety awareness and training procedures - Spanish speaking crews



S 64 01



S 64 02

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400x600

(*) Only available in this size

Safety awareness and training procedures

Safety awareness and training procedures - Spanish speaking crews

(mm)
300x400
400x600



Puesta a Flote del Bote Salvavidas

Procedimiento de seguridad para puesta a flote de los botes salvavidas abiertos/semi-cerrados. Asegúrese que la boza está fija.

- Preparativos iniciales**
 - 1. Asegure que los cables de amarre estén bien sujetos.
 - 2. Asegure que el cable de amarre esté bien sujeto.
 - 3. Asegure que el cable de amarre esté bien sujeto.
- Amarre hasta la cubierta de embarque**
 - 1. Amarre hasta la cubierta de embarque.
 - 2. Amarre hasta la cubierta de embarque.
 - 3. Amarre hasta la cubierta de embarque.
- Fijar el bote a la cubierta**
 - 1. Amarre hasta la cubierta de embarque.
 - 2. Amarre hasta la cubierta de embarque.
 - 3. Amarre hasta la cubierta de embarque.
- Embarque de pasajeros**
 - 1. Amarre hasta la cubierta de embarque.
 - 2. Amarre hasta la cubierta de embarque.
 - 3. Amarre hasta la cubierta de embarque.
- Proceso de arriado**
 - 1. Amarre hasta la cubierta de embarque.
 - 2. Amarre hasta la cubierta de embarque.
 - 3. Amarre hasta la cubierta de embarque.
- Separación del buque**
 - 1. Amarre hasta la cubierta de embarque.
 - 2. Amarre hasta la cubierta de embarque.
 - 3. Amarre hasta la cubierta de embarque.

Procedimientos de seguridad de acuerdo con el Código IDS

S 64 03

Puesta a Flote de un Bote Salvavidas Totalmente Cerrados

Procedimientos para el lanzamiento de un bote salvavidas totalmente cerrado

- Medidas iniciales**
 - 1. Asegure que los cables de amarre estén bien sujetos.
 - 2. Asegure que el cable de amarre esté bien sujeto.
 - 3. Asegure que el cable de amarre esté bien sujeto.
- Medidas para el lanzamiento**
 - 1. Amarre hasta la cubierta de embarque.
 - 2. Amarre hasta la cubierta de embarque.
 - 3. Amarre hasta la cubierta de embarque.
- Amarre del bote salvavidas**
 - 1. Amarre hasta la cubierta de embarque.
 - 2. Amarre hasta la cubierta de embarque.
 - 3. Amarre hasta la cubierta de embarque.
- Puesta a flote**
 - 1. Amarre hasta la cubierta de embarque.
 - 2. Amarre hasta la cubierta de embarque.
 - 3. Amarre hasta la cubierta de embarque.
- Separación del buque**
 - 1. Amarre hasta la cubierta de embarque.
 - 2. Amarre hasta la cubierta de embarque.
 - 3. Amarre hasta la cubierta de embarque.
- Medidas finales**
 - 1. Amarre hasta la cubierta de embarque.
 - 2. Amarre hasta la cubierta de embarque.
 - 3. Amarre hasta la cubierta de embarque.

Procedimientos de seguridad de acuerdo con el Código IDS

S 64 04

Puesta a Flote de un Bote Salvavidas de Caída Libre

Consignas de seguridad para el lanzamiento de un bote salvavidas de caída libre

- Puesto de reunión**
 - 1. Asegure que los cables de amarre estén bien sujetos.
 - 2. Asegure que el cable de amarre esté bien sujeto.
 - 3. Asegure que el cable de amarre esté bien sujeto.
- Repaso antes del lanzamiento**
 - 1. Amarre hasta la cubierta de embarque.
 - 2. Amarre hasta la cubierta de embarque.
 - 3. Amarre hasta la cubierta de embarque.
- Operaciones del timonel**
 - 1. Amarre hasta la cubierta de embarque.
 - 2. Amarre hasta la cubierta de embarque.
 - 3. Amarre hasta la cubierta de embarque.
- Embarque**
 - 1. Amarre hasta la cubierta de embarque.
 - 2. Amarre hasta la cubierta de embarque.
 - 3. Amarre hasta la cubierta de embarque.
- Lanzamiento**
 - 1. Amarre hasta la cubierta de embarque.
 - 2. Amarre hasta la cubierta de embarque.
 - 3. Amarre hasta la cubierta de embarque.
- Medidas posteriores**
 - 1. Amarre hasta la cubierta de embarque.
 - 2. Amarre hasta la cubierta de embarque.
 - 3. Amarre hasta la cubierta de embarque.

Procedimientos de seguridad de acuerdo con el Código IDS

S 64 05

Prevención de Derrames de Petróleo

Procedimientos para reducir la probabilidad de derrames de hidrocarburos

AVISO: El seguimiento de la Convención Internacional para la Prevención de la Contaminación por los Buques (MARPOL 73/78) para seguir la eliminación total de la contaminación del medio marino por hidrocarburos y otros contaminantes nocivos son de obligado cumplimiento. Siguiendo dicho reglamento y observando las prácticas de trabajo que figuran aquí, se reduce el daño al medio.

RECOMENDACIÓN: PUEBLOS Y COMUNIDADES PUERTAS Y CASOS O SANCIONES EN CASOS DE INCUMPLIMIENTO DEL REGLAMENTO

- Conozca su buque**
 - 1. Asegure que los cables de amarre estén bien sujetos.
 - 2. Asegure que el cable de amarre esté bien sujeto.
 - 3. Asegure que el cable de amarre esté bien sujeto.
- Tape los inmateriales**
 - 1. Amarre hasta la cubierta de embarque.
 - 2. Amarre hasta la cubierta de embarque.
 - 3. Amarre hasta la cubierta de embarque.
- Utilice los equipos adecuados**
 - 1. Amarre hasta la cubierta de embarque.
 - 2. Amarre hasta la cubierta de embarque.
 - 3. Amarre hasta la cubierta de embarque.
- Comunicaciones e identificación**
 - 1. Amarre hasta la cubierta de embarque.
 - 2. Amarre hasta la cubierta de embarque.
 - 3. Amarre hasta la cubierta de embarque.
- Control pumping rate**
 - 1. Amarre hasta la cubierta de embarque.
 - 2. Amarre hasta la cubierta de embarque.
 - 3. Amarre hasta la cubierta de embarque.
- Use bandidos de gine**
 - 1. Amarre hasta la cubierta de embarque.
 - 2. Amarre hasta la cubierta de embarque.
 - 3. Amarre hasta la cubierta de embarque.

Procedimientos de seguridad de acuerdo con el Código IDS

S 64 06

Señalización de Seguridad Según la Resolución OMI A.760(18) e ISO 17631

Simbolos gráficos de control de incendios según la Resolución OMI A.654(16)

Procedimientos de seguridad, en conformidad con el Código ISM

S 64 81

Señalización de Control de Incendios OMI

Simbolos gráficos de control de incendios según la Resolución OMI A.654(16)

Procedimientos de seguridad, en conformidad con el Código ISM

S 64 82

S 64 83

S 64 85



S 64 84

S 64 86



S 64 87

S 64 88



Safety awareness and training procedures

Safety awareness and training procedures - Spanish speaking crews

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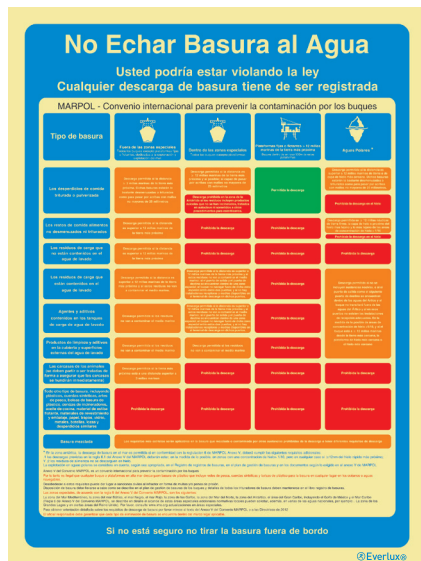
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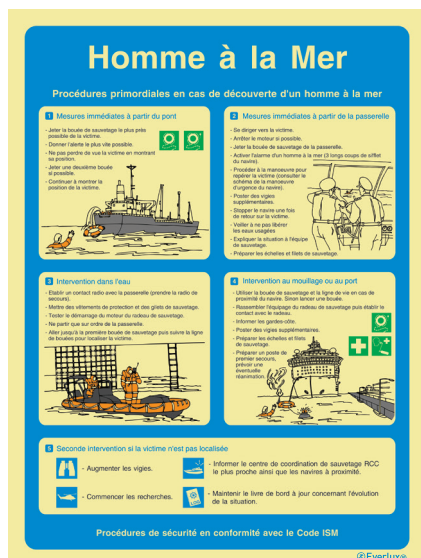
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Safety awareness and training procedures - French speaking crews

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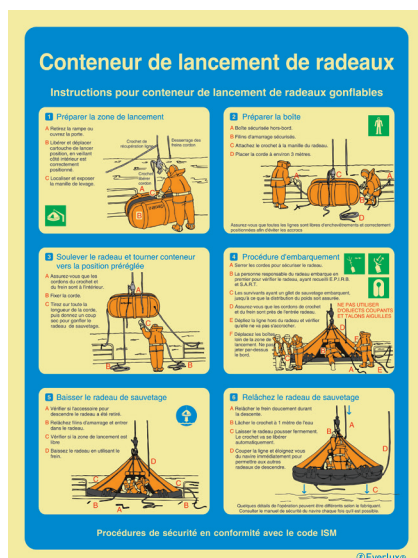
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S 64 31



S 64 32



S 64 33

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S 64 37

S 64 70

S 64 72

Safety awareness and training procedures

Safety awareness and training procedures - French speaking crews

(mm)
300x400
400x600
400x300(*)
600x400(*)



Passerelles de Débarquement

Sécurisez le gréement et utilisez les passerelles

- 1** Assurez-vous que chaque échelle est en position verrouillée, que les chaînes ou les câbles sont attachés correctement.
- 2** Assurez-vous que le pont de la passerelle est bien sûr et qu'il est libre de tout obstacle.
- 3** **MAXIMUM 27** personnes sont autorisées à monter sur la passerelle.
- 4** Assurez-vous que la passerelle est correctement alignée avec le pont de la passerelle.
- 5** Ne pas dépasser la charge de sécurité.
- 6** Ne pas utiliser des cordons ou des câbles pour sécuriser la passerelle.
- 7** Ne pas utiliser un objet en guise de chaîne.
- 8** Ne pas utiliser des câbles ou des chaînes pour sécuriser la passerelle.

Procédures de sécurité en conformité avec le code ISM

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Amarrage

Procédures de sécurité d'amarrage et de largage

- 1** Avant d'arriver
Assurez-vous que tous les équipements fonctionnent et qu'ils sont bien entretenus.
Le personnel doit être correctement formé et équipé.
Assurez-vous que les chaînes et les câbles sont correctement entretenus.
Assurez-vous que les chaînes et les câbles sont correctement entretenus.
- 2** Embarquement du pilote
Le pilote doit être installé dans le poste de pilotage avant le départ.
Le pilote doit être correctement formé et équipé.
Le pilote doit être correctement formé et équipé.
- 3** À l'arrivée des remorqueurs
Assurez-vous que les remorqueurs sont correctement positionnés.
Assurez-vous que les remorqueurs sont correctement positionnés.
Assurez-vous que les remorqueurs sont correctement positionnés.
- 4** Pendant l'amarrage
Assurez-vous que les chaînes et les câbles sont correctement entretenus.
Assurez-vous que les chaînes et les câbles sont correctement entretenus.
Assurez-vous que les chaînes et les câbles sont correctement entretenus.
- 5** Surveillez les amarrages
Assurez-vous que les chaînes et les câbles sont correctement entretenus.
Assurez-vous que les chaînes et les câbles sont correctement entretenus.
Assurez-vous que les chaînes et les câbles sont correctement entretenus.
- 6** Larguez les amarrages
Assurez-vous que les chaînes et les câbles sont correctement entretenus.
Assurez-vous que les chaînes et les câbles sont correctement entretenus.
Assurez-vous que les chaînes et les câbles sont correctement entretenus.

Procédures de sécurité en conformité avec le code ISM

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Remorquage

Procédures de sécurité recommandées pour les opérations de remorquage

ACTIONS de REMORQUAGE	ACTIONS du NAVIRE
1 A faire rapidement Assurez-vous que la communication est établie avec le remorqueur. Assurez-vous que la communication est établie avec le remorqueur. Assurez-vous que la communication est établie avec le remorqueur.	1 A faire rapidement Assurez-vous que la communication est établie avec le remorqueur. Assurez-vous que la communication est établie avec le remorqueur. Assurez-vous que la communication est établie avec le remorqueur.
2 Remorquage ou frappe Assurez-vous que la communication est établie avec le remorqueur. Assurez-vous que la communication est établie avec le remorqueur. Assurez-vous que la communication est établie avec le remorqueur.	2 En remorque Assurez-vous que la communication est établie avec le remorqueur. Assurez-vous que la communication est établie avec le remorqueur. Assurez-vous que la communication est établie avec le remorqueur.
3 Lâcher-prise Assurez-vous que la communication est établie avec le remorqueur. Assurez-vous que la communication est établie avec le remorqueur. Assurez-vous que la communication est établie avec le remorqueur.	3 Lâcher-prise Assurez-vous que la communication est établie avec le remorqueur. Assurez-vous que la communication est établie avec le remorqueur. Assurez-vous que la communication est établie avec le remorqueur.

Procédures de sécurité en conformité avec le code ISM

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S 64 74

Dispositifs D'embarquement Requis pour le Pilote

CRÉMENT POUR FRANCS-BORDS DE 6 MÈTRES OU MOINS

DISPOSITIF COMBINÉ POUR LES NAVIRES DONT LE FRANC-BORD EST SUPÉRIEUR À 6 MÈTRES EN L'ABSENCE D'UNE VIGIE

TOUTET ENROULEUR DE L'ÉCHELLE DE PILOTE

Procédures de sécurité en conformité avec le code ISM

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(*) S 64 71

Prévention des Déversements D'hydrocarbures

Procédures pour réduire les risques de déversements d'hydrocarbures

- 1** Apprenez à connaître votre navire
Assurez-vous que les procédures de sécurité sont correctement entretenues.
Assurez-vous que les procédures de sécurité sont correctement entretenues.
- 2** Bouchons défectueux
Assurez-vous que les bouchons sont correctement entretenus.
Assurez-vous que les bouchons sont correctement entretenus.
- 3** Utilisez un équipement utilisable
Assurez-vous que l'équipement est correctement entretenus.
Assurez-vous que l'équipement est correctement entretenus.
- 4** Communications et identification
Assurez-vous que la communication est établie avec le remorqueur.
Assurez-vous que la communication est établie avec le remorqueur.
- 5** Contrôlez le débit de pompage
Assurez-vous que le débit de pompage est correctement entretenus.
Assurez-vous que le débit de pompage est correctement entretenus.
- 6** Utilisez des bacs de rétention
Assurez-vous que les bacs de rétention sont correctement entretenus.
Assurez-vous que les bacs de rétention sont correctement entretenus.

Procédures de sécurité en conformité avec le code ISM

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Soudage & Oxycoupage

Procédures de sécurité lors des opérations de soudage

- 1** Général
Assurez-vous que les procédures de sécurité sont correctement entretenues.
Assurez-vous que les procédures de sécurité sont correctement entretenues.
- 2** Vêtement de protection
Assurez-vous que les vêtements de protection sont correctement entretenus.
Assurez-vous que les vêtements de protection sont correctement entretenus.
- 3** Précautions contre les incendies et explosions
Assurez-vous que les précautions contre les incendies et explosions sont correctement entretenues.
Assurez-vous que les précautions contre les incendies et explosions sont correctement entretenues.
- 4** Maintenance de soudage électrique
Assurez-vous que la maintenance de soudage électrique est correctement entretenus.
Assurez-vous que la maintenance de soudage électrique est correctement entretenus.
- 5** Précautions à prendre pendant le soudage à l'arc
Assurez-vous que les précautions à prendre pendant le soudage à l'arc sont correctement entretenues.
Assurez-vous que les précautions à prendre pendant le soudage à l'arc sont correctement entretenues.
- 6** Précautions à prendre pendant le soudage et la découpe au gaz
Assurez-vous que les précautions à prendre pendant le soudage et la découpe au gaz sont correctement entretenues.
Assurez-vous que les précautions à prendre pendant le soudage et la découpe au gaz sont correctement entretenues.

Procédures de sécurité en conformité avec le code ISM

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S 64 77

S 64 78

S 64 79

S 64 80

S 64 90

S 64 61

S 64 62

Safety awareness and training procedures

Safety awareness and training procedures - Portuguese speaking crews

(mm)
300x400
400x600



Trabalho em Altura ou Fora de Bordo

Esteja ciente dos riscos ao trabalhar fora de bordo e em altura

1. Preparação
Antes de trabalhar em altura ou fora de bordo, certifique-se de que o equipamento de segurança está adequado, bem como o plano de trabalho e o plano de emergência.
Verifique a lista de verificação:
- Equipamento de segurança
- Plano de trabalho
- Plano de emergência
- Plano de comunicação
- Plano de evacuação
- Plano de primeiros socorros

2. Sensibilização do risco
A. Estado do mar
B. Estado do tempo
C. Estado do vento
D. Estado da visibilidade
E. Estado da temperatura
F. Estado da umidade
G. Estado da pressão atmosférica
H. Estado da altitude

3. Trabalho em altura
Use o método de segurança adequado para o trabalho em altura.
- Trabalho em altura com equipamento de segurança
- Trabalho em altura com equipamento de segurança
- Trabalho em altura com equipamento de segurança
- Trabalho em altura com equipamento de segurança

4. Trabalho fora de bordo
Use o método de segurança adequado para o trabalho fora de bordo.
- Trabalho fora de bordo com equipamento de segurança
- Trabalho fora de bordo com equipamento de segurança
- Trabalho fora de bordo com equipamento de segurança
- Trabalho fora de bordo com equipamento de segurança

Procedimentos de segurança em conformidade com o Código ISM

S 64 50

Segurança com Garrafas de Gás

Manuseamento seguro, armazenamento e práticas operacionais

1. Garrafas de gás utilizadas em navios
- Garrafas de gás utilizadas em navios
- Garrafas de gás utilizadas em navios
- Garrafas de gás utilizadas em navios
- Garrafas de gás utilizadas em navios

2. Procedimentos de segurança de manuseamento
- Procedimentos de segurança de manuseamento
- Procedimentos de segurança de manuseamento
- Procedimentos de segurança de manuseamento
- Procedimentos de segurança de manuseamento

3. Procedimentos de segurança de armazenamento
- Procedimentos de segurança de armazenamento
- Procedimentos de segurança de armazenamento
- Procedimentos de segurança de armazenamento
- Procedimentos de segurança de armazenamento

Procedimentos de segurança em conformidade com o Código ISM

S 64 51

Afogamento e Hipotermia

Ações a desenvolver ao descobrir uma vítima de afogamento ou hipotermia

1. Afogamento
- Afogamento
- Afogamento
- Afogamento
- Afogamento

2. Hipotermia
- Hipotermia
- Hipotermia
- Hipotermia
- Hipotermia

3. Suporte Básico de Vida (SBV) (CoSTRA 2005)
- Suporte Básico de Vida (SBV) (CoSTRA 2005)
- Suporte Básico de Vida (SBV) (CoSTRA 2005)
- Suporte Básico de Vida (SBV) (CoSTRA 2005)
- Suporte Básico de Vida (SBV) (CoSTRA 2005)

Procedimentos de segurança em conformidade com o Código ISM

S 64 52

Choques Elétricos e Lesões Graves

Durante os primeiros minutos de uma paragem respiratória que não seja causada por asfixia, a ventilação, assim sendo, é fundamentalmente importante de que se compressões torácicas.

1. Choque elétrico
- Choque elétrico
- Choque elétrico
- Choque elétrico
- Choque elétrico

2. Lesões graves
- Lesões graves
- Lesões graves
- Lesões graves
- Lesões graves

3. Suporte Básico de Vida (SBV) (CoSTRA 2005)
- Suporte Básico de Vida (SBV) (CoSTRA 2005)
- Suporte Básico de Vida (SBV) (CoSTRA 2005)
- Suporte Básico de Vida (SBV) (CoSTRA 2005)
- Suporte Básico de Vida (SBV) (CoSTRA 2005)

Procedimentos de segurança em conformidade com o Código ISM

S 64 60

Lançamento de balsa salvavidas

Procedimentos para o lançamento de balsas salva-vidas infláveis

1. Ativação automática
- Ativação automática
- Ativação automática
- Ativação automática
- Ativação automática

2. Ativação manual
- Ativação manual
- Ativação manual
- Ativação manual
- Ativação manual

3. Lançamento da balsa salvavidas
- Lançamento da balsa salvavidas
- Lançamento da balsa salvavidas
- Lançamento da balsa salvavidas
- Lançamento da balsa salvavidas

4. Inflar a balsa salvavidas
- Inflar a balsa salvavidas
- Inflar a balsa salvavidas
- Inflar a balsa salvavidas
- Inflar a balsa salvavidas

5. Inverter a balsa salvavidas para cima
- Inverter a balsa salvavidas para cima
- Inverter a balsa salvavidas para cima
- Inverter a balsa salvavidas para cima
- Inverter a balsa salvavidas para cima

Procedimentos de segurança em conformidade com o Código ISM

S 64 53



(mm)
300x400
400x600

Balsas Salva-vidas Infláveis

Procedimentos essenciais após o lançamento à água

- Inverter a balsa salva-vidas para cima**
Inverter a balsa salva-vidas para cima. Não deixar a balsa virar de costas. Se necessário, usar o cabo de puxar para ajudar.
- Montar rapidamente**
Montar rapidamente a balsa. Verificar se todos os equipamentos estão corretamente instalados e funcionando.
- Alisar do meio**
Depois de entrar todos a bordo, alisar o meio da balsa para garantir que todos os ocupantes estejam seguros e confortáveis.
- Largar a âncora**
Quando todos a bordo, para reduzir a deriva e proporcionar estabilidade adicional, largar a âncora.
- Fechet das entradas**
Para manter as portas e janelas protegidas em caso de emergência, fechar as portas e janelas imediatamente. Não esquecer de verificar as entradas para ventilação.
- Medidas posteriores**
Ler e ouvir com as instruções de sobrevivência emitidas no rádio. Manter a calma e seguir as instruções do capitão ou do responsável pela balsa.

Procedimento de segurança em conformidade com o Código ISM

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Lançamento da Baleeira em Condições Atmosféricas Perigosas

Procedimentos de segurança

- Confirmação do vento para zona segura**
Antes de lançar, verificar a direção do vento. Lançar a baleeira em direção ao vento. Se necessário, usar o cabo de puxar para ajudar.
- Como preparar**
Preparar a baleeira para o lançamento. Verificar se todos os equipamentos estão corretamente instalados e funcionando.
- Início do abastecimento de ar para passageiros e motor**
Iniciar o abastecimento de ar para os passageiros e o motor. Verificar se o fluxo de ar está adequado e seguro.
- Lançamento e início do sistema de ignição**
Lançar a baleeira e iniciar o sistema de ignição. Verificar se o motor está funcionando corretamente.
- Deslocar-se para zona segura**
Deslocar-se para uma zona segura, longe de obstáculos e perigos. Manter a calma e seguir as instruções do capitão ou do responsável pela baleeira.
- Informação relevante**
Manter a calma e seguir as instruções do capitão ou do responsável pela baleeira. Manter a comunicação com o navio e o centro de socorro.

Procedimento de segurança de acordo com o código ISM

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S 64 55

Higiene dos Alimentos a Bordo

Recomendações de saúde e segurança em copas, cozinhas e frigoríficos

- Saúde e Higiene**
Manter a higiene pessoal e do ambiente. Usar luvas e máscaras ao manipular alimentos. Lavar as mãos frequentemente.
- Preparação dos alimentos**
Preparar os alimentos corretamente, seguindo as instruções de segurança. Usar utensílios limpos e adequados.
- Equipamento da cozinha e despensa**
Manter o equipamento da cozinha e da despensa limpo e em boas condições. Verificar a validade dos alimentos.
- Controle de temperatura**
Controlar a temperatura dos alimentos corretamente. Usar termômetros para verificar a temperatura.
- Perigos de perecibilidade, quebra e transbordamento**
Evitar a perecibilidade, quebra e transbordamento dos alimentos. Manter os alimentos devidamente armazenados e protegidos.
- Refrigeração, freezer e todos os equipamentos**
Manter a refrigeração, freezer e todos os equipamentos funcionando corretamente. Verificar a temperatura e a validade dos alimentos.

Procedimento de segurança de acordo com o código ISM

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Sinais de Salvamento

Sinais de comunicação internacional de busca e salvamento de acordo com os requerimentos SOLAS

Lista de sinais de busca e salvamento

Canal	Frequência (MHz)	Nome	Descrição
16	2170	Canal de emergência	Canal de emergência para comunicação de busca e salvamento.
13	156,8	Canal de segurança	Canal de segurança para comunicação de busca e salvamento.
12	156,7	Canal de segurança	Canal de segurança para comunicação de busca e salvamento.
11	156,6	Canal de segurança	Canal de segurança para comunicação de busca e salvamento.
10	156,5	Canal de segurança	Canal de segurança para comunicação de busca e salvamento.
9	156,4	Canal de segurança	Canal de segurança para comunicação de busca e salvamento.
8	156,3	Canal de segurança	Canal de segurança para comunicação de busca e salvamento.
7	156,2	Canal de segurança	Canal de segurança para comunicação de busca e salvamento.
6	156,1	Canal de segurança	Canal de segurança para comunicação de busca e salvamento.
5	156,0	Canal de segurança	Canal de segurança para comunicação de busca e salvamento.
4	155,9	Canal de segurança	Canal de segurança para comunicação de busca e salvamento.
3	155,8	Canal de segurança	Canal de segurança para comunicação de busca e salvamento.
2	155,7	Canal de segurança	Canal de segurança para comunicação de busca e salvamento.
1	155,6	Canal de segurança	Canal de segurança para comunicação de busca e salvamento.

Procedimento de segurança em conformidade com o Código ISM

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Colocação do Colete Salva-vidas

Instruções para colocar o colete Salva-vidas

- Coloque a cabeça dentro da abertura central e os braços nas aberturas laterais.**
- Coloque o cinto à volta da cintura e conecte a fivela partindo as duas partes com firmeza. Puxe o cinto para que fique o mais apertado possível.**
- Aperte a parte superior do colete Salva-vidas com um nó firme nas cordas.**
- Active a luz do colete Salva-vidas.**

Procedimento de segurança em conformidade com o Código ISM

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Sinais de Luzes, Formatos e Sons

Sinais de comunicação internacional

Regulamento	País	Procedimento	Formato	Sons
Regulamento 1	Países com direito de passagem	Um toque de sirene curta	Forma de navio	Um toque de sirene curta
Regulamento 2	Países com direito de passagem	Dois toques de sirene curta	Forma de navio	Dois toques de sirene curta
Regulamento 3	Países com direito de passagem	Três toques de sirene curta	Forma de navio	Três toques de sirene curta
Regulamento 4	Países com direito de passagem	Quatro toques de sirene curta	Forma de navio	Quatro toques de sirene curta
Regulamento 5	Países com direito de passagem	Seis toques de sirene curta	Forma de navio	Seis toques de sirene curta
Regulamento 6	Países com direito de passagem	Dois toques de sirene longa	Forma de navio	Dois toques de sirene longa
Regulamento 7	Países com direito de passagem	Três toques de sirene longa	Forma de navio	Três toques de sirene longa
Regulamento 8	Países com direito de passagem	Quatro toques de sirene longa	Forma de navio	Quatro toques de sirene longa
Regulamento 9	Países com direito de passagem	Seis toques de sirene longa	Forma de navio	Seis toques de sirene longa
Regulamento 10	Países com direito de passagem	Dois toques de sirene curta e dois toques de sirene longa	Forma de navio	Dois toques de sirene curta e dois toques de sirene longa
Regulamento 11	Países com direito de passagem	Três toques de sirene curta e dois toques de sirene longa	Forma de navio	Três toques de sirene curta e dois toques de sirene longa
Regulamento 12	Países com direito de passagem	Quatro toques de sirene curta e dois toques de sirene longa	Forma de navio	Quatro toques de sirene curta e dois toques de sirene longa
Regulamento 13	Países com direito de passagem	Seis toques de sirene curta e dois toques de sirene longa	Forma de navio	Seis toques de sirene curta e dois toques de sirene longa
Regulamento 14	Países com direito de passagem	Dois toques de sirene curta e quatro toques de sirene longa	Forma de navio	Dois toques de sirene curta e quatro toques de sirene longa
Regulamento 15	Países com direito de passagem	Três toques de sirene curta e quatro toques de sirene longa	Forma de navio	Três toques de sirene curta e quatro toques de sirene longa
Regulamento 16	Países com direito de passagem	Quatro toques de sirene curta e quatro toques de sirene longa	Forma de navio	Quatro toques de sirene curta e quatro toques de sirene longa
Regulamento 17	Países com direito de passagem	Seis toques de sirene curta e quatro toques de sirene longa	Forma de navio	Seis toques de sirene curta e quatro toques de sirene longa
Regulamento 18	Países com direito de passagem	Dois toques de sirene curta e seis toques de sirene longa	Forma de navio	Dois toques de sirene curta e seis toques de sirene longa
Regulamento 19	Países com direito de passagem	Três toques de sirene curta e seis toques de sirene longa	Forma de navio	Três toques de sirene curta e seis toques de sirene longa
Regulamento 20	Países com direito de passagem	Quatro toques de sirene curta e seis toques de sirene longa	Forma de navio	Quatro toques de sirene curta e seis toques de sirene longa
Regulamento 21	Países com direito de passagem	Seis toques de sirene curta e seis toques de sirene longa	Forma de navio	Seis toques de sirene curta e seis toques de sirene longa
Regulamento 22	Países com direito de passagem	Dois toques de sirene curta e oito toques de sirene longa	Forma de navio	Dois toques de sirene curta e oito toques de sirene longa
Regulamento 23	Países com direito de passagem	Três toques de sirene curta e oito toques de sirene longa	Forma de navio	Três toques de sirene curta e oito toques de sirene longa
Regulamento 24	Países com direito de passagem	Quatro toques de sirene curta e oito toques de sirene longa	Forma de navio	Quatro toques de sirene curta e oito toques de sirene longa
Regulamento 25	Países com direito de passagem	Seis toques de sirene curta e oito toques de sirene longa	Forma de navio	Seis toques de sirene curta e oito toques de sirene longa
Regulamento 26	Países com direito de passagem	Dois toques de sirene curta e dez toques de sirene longa	Forma de navio	Dois toques de sirene curta e dez toques de sirene longa
Regulamento 27	Países com direito de passagem	Três toques de sirene curta e dez toques de sirene longa	Forma de navio	Três toques de sirene curta e dez toques de sirene longa
Regulamento 28	Países com direito de passagem	Quatro toques de sirene curta e dez toques de sirene longa	Forma de navio	Quatro toques de sirene curta e dez toques de sirene longa
Regulamento 29	Países com direito de passagem	Seis toques de sirene curta e dez toques de sirene longa	Forma de navio	Seis toques de sirene curta e dez toques de sirene longa
Regulamento 30	Países com direito de passagem	Dois toques de sirene curta e doze toques de sirene longa	Forma de navio	Dois toques de sirene curta e doze toques de sirene longa
Regulamento 31	Países com direito de passagem	Três toques de sirene curta e doze toques de sirene longa	Forma de navio	Três toques de sirene curta e doze toques de sirene longa
Regulamento 32	Países com direito de passagem	Quatro toques de sirene curta e doze toques de sirene longa	Forma de navio	Quatro toques de sirene curta e doze toques de sirene longa
Regulamento 33	Países com direito de passagem	Seis toques de sirene curta e doze toques de sirene longa	Forma de navio	Seis toques de sirene curta e doze toques de sirene longa
Regulamento 34	Países com direito de passagem	Dois toques de sirene curta e quatorze toques de sirene longa	Forma de navio	Dois toques de sirene curta e quatorze toques de sirene longa
Regulamento 35	Países com direito de passagem	Três toques de sirene curta e quatorze toques de sirene longa	Forma de navio	Três toques de sirene curta e quatorze toques de sirene longa
Regulamento 36	Países com direito de passagem	Quatro toques de sirene curta e quatorze toques de sirene longa	Forma de navio	Quatro toques de sirene curta e quatorze toques de sirene longa
Regulamento 37	Países com direito de passagem	Seis toques de sirene curta e quatorze toques de sirene longa	Forma de navio	Seis toques de sirene curta e quatorze toques de sirene longa
Regulamento 38	Países com direito de passagem	Dois toques de sirene curta e dezesseis toques de sirene longa	Forma de navio	Dois toques de sirene curta e dezesseis toques de sirene longa
Regulamento 39	Países com direito de passagem	Três toques de sirene curta e dezesseis toques de sirene longa	Forma de navio	Três toques de sirene curta e dezesseis toques de sirene longa
Regulamento 40	Países com direito de passagem	Quatro toques de sirene curta e dezesseis toques de sirene longa	Forma de navio	Quatro toques de sirene curta e dezesseis toques de sirene longa
Regulamento 41	Países com direito de passagem	Seis toques de sirene curta e dezesseis toques de sirene longa	Forma de navio	Seis toques de sirene curta e dezesseis toques de sirene longa
Regulamento 42	Países com direito de passagem	Dois toques de sirene curta e dezoito toques de sirene longa	Forma de navio	Dois toques de sirene curta e dezoito toques de sirene longa
Regulamento 43	Países com direito de passagem	Três toques de sirene curta e dezoito toques de sirene longa	Forma de navio	Três toques de sirene curta e dezoito toques de sirene longa
Regulamento 44	Países com direito de passagem	Quatro toques de sirene curta e dezoito toques de sirene longa	Forma de navio	Quatro toques de sirene curta e dezoito toques de sirene longa
Regulamento 45	Países com direito de passagem	Seis toques de sirene curta e dezoito toques de sirene longa	Forma de navio	Seis toques de sirene curta e dezoito toques de sirene longa
Regulamento 46	Países com direito de passagem	Dois toques de sirene curta e vinte toques de sirene longa	Forma de navio	Dois toques de sirene curta e vinte toques de sirene longa
Regulamento 47	Países com direito de passagem	Três toques de sirene curta e vinte toques de sirene longa	Forma de navio	Três toques de sirene curta e vinte toques de sirene longa
Regulamento 48	Países com direito de passagem	Quatro toques de sirene curta e vinte toques de sirene longa	Forma de navio	Quatro toques de sirene curta e vinte toques de sirene longa
Regulamento 49	Países com direito de passagem	Seis toques de sirene curta e vinte toques de sirene longa	Forma de navio	Seis toques de sirene curta e vinte toques de sirene longa
Regulamento 50	Países com direito de passagem	Dois toques de sirene curta e vinte e dois toques de sirene longa	Forma de navio	Dois toques de sirene curta e vinte e dois toques de sirene longa
Regulamento 51	Países com direito de passagem	Três toques de sirene curta e vinte e dois toques de sirene longa	Forma de navio	Três toques de sirene curta e vinte e dois toques de sirene longa
Regulamento 52	Países com direito de passagem	Quatro toques de sirene curta e vinte e dois toques de sirene longa	Forma de navio	Quatro toques de sirene curta e vinte e dois toques de sirene longa
Regulamento 53	Países com direito de passagem	Seis toques de sirene curta e vinte e dois toques de sirene longa	Forma de navio	Seis toques de sirene curta e vinte e dois toques de sirene longa
Regulamento 54	Países com direito de passagem	Dois toques de sirene curta e vinte e quatro toques de sirene longa	Forma de navio	Dois toques de sirene curta e vinte e quatro toques de sirene longa
Regulamento 55	Países com direito de passagem	Três toques de sirene curta e vinte e quatro toques de sirene longa	Forma de navio	Três toques de sirene curta e vinte e quatro toques de sirene longa
Regulamento 56	Países com direito de passagem	Quatro toques de sirene curta e vinte e quatro toques de sirene longa	Forma de navio	Quatro toques de sirene curta e vinte e quatro toques de sirene longa
Regulamento 57	Países com direito de passagem	Seis toques de sirene curta e vinte e quatro toques de sirene longa	Forma de navio	Seis toques de sirene curta e vinte e quatro toques de sirene longa
Regulamento 58	Países com direito de passagem	Dois toques de sirene curta e vinte e seis toques de sirene longa	Forma de navio	Dois toques de sirene curta e vinte e seis toques de sirene longa
Regulamento 59	Países com direito de passagem	Três toques de sirene curta e vinte e seis toques de sirene longa	Forma de navio	Três toques de sirene curta e vinte e seis toques de sirene longa
Regulamento 60	Países com direito de passagem	Quatro toques de sirene curta e vinte e seis toques de sirene longa	Forma de navio	Quatro toques de sirene curta e vinte e seis toques de sirene longa
Regulamento 61	Países com direito de passagem	Seis toques de sirene curta e vinte e seis toques de sirene longa	Forma de navio	Seis toques de sirene curta e vinte e seis toques de sirene longa
Regulamento 62	Países com direito de passagem	Dois toques de sirene curta e vinte e oito toques de sirene longa	Forma de navio	Dois toques de sirene curta e vinte e oito toques de sirene longa
Regulamento 63	Países com direito de passagem	Três toques de sirene curta e vinte e oito toques de sirene longa	Forma de navio	Três toques de sirene curta e vinte e oito toques de sirene longa
Regulamento 64	Países com direito de passagem	Quatro toques de sirene curta e vinte e oito toques de sirene longa	Forma de navio	Quatro toques de sirene curta e vinte e oito toques de sirene longa
Regulamento 65	Países com direito de passagem	Seis toques de sirene curta e vinte e oito toques de sirene longa	Forma de navio	Seis toques de sirene curta e vinte e oito toques de sirene longa
Regulamento 66	Países com direito de passagem	Dois toques de sirene curta e trinta toques de sirene longa	Forma de navio	Dois toques de sirene curta e trinta toques de sirene longa
Regulamento 67	Países com direito de passagem	Três toques de sirene curta e trinta toques de sirene longa	Forma de navio	Três toques de sirene curta e trinta toques de sirene longa
Regulamento 68	Países com direito de passagem	Quatro toques de sirene curta e trinta toques de sirene longa	Forma de navio	Quatro toques de sirene curta e trinta toques de sirene longa
Regulamento 69	Países com direito de passagem	Seis toques de sirene curta e trinta toques de sirene longa	Forma de navio	Seis toques de sirene curta e trinta toques de sirene longa
Regulamento 70	Países com direito de passagem	Dois toques de sirene curta e trinta e dois toques de sirene longa	Forma de navio	Dois toques de sirene curta e trinta e dois toques de sirene longa
Regulamento 71	Países com direito de passagem	Três toques de sirene curta e trinta e dois toques de sirene longa	Forma de navio	Três toques de sirene curta e trinta e dois toques de sirene longa
Regulamento 72	Países com direito de passagem	Quatro toques de sirene curta e trinta e dois toques de sirene longa	Forma de navio	Quatro toques de sirene curta e trinta e dois toques de sirene longa
Regulamento 73	Países com direito de passagem	Seis toques de sirene curta e trinta e dois toques de sirene longa	Forma de navio	Seis toques de sirene curta e trinta e dois toques de sirene longa
Regulamento 74	Países com direito de passagem	Dois toques de sirene curta e trinta e quatro toques de sirene longa	Forma de navio	Dois toques de sirene curta e trinta e quatro toques de sirene longa
Regulamento 75	Países com direito de passagem	Três toques de sirene curta e trinta e quatro toques de sirene longa	Forma de navio	Três toques de sirene curta e trinta e quatro toques de sirene longa
Regulamento 76	Países com direito de passagem	Quatro toques de sirene curta e trinta e quatro toques de sirene longa	Forma de navio	Quatro toques de sirene curta e trinta e quatro toques de sirene longa
Regulamento 77	Países com direito de passagem	Seis toques de sirene curta e trinta e quatro toques de sirene longa	Forma de navio	Seis toques de sirene curta e trinta e quatro toques de sirene longa
Regulamento 78	Países com direito de passagem	Dois toques de sirene curta e trinta e seis toques de sirene longa	Forma de navio	Dois toques de sirene curta e trinta e seis toques de sirene longa
Regulamento 79	Países com direito de passagem	Três toques de sirene curta e trinta e seis toques de sirene longa	Forma de navio	Três toques de sirene curta e trinta e seis toques de sirene longa
Regulamento 80	Países com direito de passagem	Quatro toques de sirene curta e trinta e seis toques de sirene longa	Forma de navio	Quatro toques de sirene curta e trinta e seis toques de sirene longa
Regulamento 81	Países com direito de passagem	Seis toques de sirene curta e trinta e seis toques de sirene longa	Forma de navio	Seis toques de sirene curta e trinta e seis toques de sirene longa
Regulamento 82	Países com direito de passagem	Dois toques de sirene curta e trinta e oito toques de sirene longa	Forma de navio	Dois toques de sirene curta e trinta e oito toques de sirene longa
Regulamento 83	Países com direito de passagem	Três toques de sirene curta e trinta e oito toques de sirene longa	Forma de navio	Três toques de sirene curta e trinta e oito toques de sirene longa
Regulamento 84	Países com direito de passagem	Quatro toques de sirene curta e trinta e oito toques de sirene longa	Forma de navio	Quatro toques de sirene curta e trinta e oito toques de sirene longa
Regulamento 85	Países com direito de passagem	Seis toques de sirene curta e trinta e oito toques de sirene longa	Forma de navio	Seis toques de sirene curta e trinta e oito toques de sirene longa
Regulamento 86	Países com direito de passagem	Dois toques de sirene curta e quadragenta toques de sirene longa	Forma de navio	Dois toques de sirene curta e quadragenta toques de sirene longa
Regulamento 87	Países com direito de passagem	Três toques de sirene curta e quadragenta toques de sirene longa	Forma de navio	Três toques de sirene curta e quadragenta toques de sirene longa
Regulamento 88	Países com direito de passagem	Quatro toques de sirene curta e quadragenta toques de sirene longa	Forma de navio	Quatro toques de sirene curta e quadragenta toques de sirene longa
Regulamento 89	Países com direito de passagem	Seis toques de sirene curta e quadragenta toques de sirene longa	Forma de navio	Seis toques de sirene curta e quadragenta toques de sirene longa
Regulamento 90	Países com direito de passagem	Dois toques de sirene curta e quadragenta e dois toques de sirene longa	Forma de navio	Dois toques de sirene curta e quadragenta e dois toques de sirene longa
Regulamento 91	Países com direito de passagem	Três toques de sirene curta e quadragenta e dois toques de sirene longa	Forma de navio	Três toques de sirene curta e quadragenta e dois toques de sirene longa
Regulamento 92	Países com direito de passagem	Quatro toques de sirene curta e quadragenta e dois toques de sirene longa	Forma de navio	Quatro toques de sirene curta e quadragenta e dois toques de sirene longa
Regulamento 93	Países com direito de passagem	Seis toques de sirene curta e quadragenta e dois toques de sirene longa	Forma de navio	Seis toques de sirene curta e quadragenta e dois toques de sirene longa
Regulamento 94	Países com direito de passagem	Dois toques de sirene curta e quadragenta e quatro toques de sirene longa	Forma de navio	Dois toques de sirene curta e quadragenta e quatro toques de sirene longa
Regulamento 95	Países com direito de passagem	Três toques de sirene curta e quadragenta e quatro toques de sirene longa	Forma de navio	Três toques de sirene curta e quadragenta e quatro toques de sirene longa
Regulamento 96	Países com direito de passagem	Quatro toques de sirene curta e quadragenta e quatro toques de sirene longa	Forma de navio	Quatro toques de sirene curta e quadragenta e quatro toques de sirene longa
Regulamento 97	Países com direito de passagem	Seis toques de sirene curta e quadragenta e quatro toques de sirene longa	Forma de navio	Seis toques de sirene curta e quadragenta e quatro toques de sirene longa
Regulamento 98	Países com direito de passagem	Dois toques de sirene curta e quadragenta e seis toques de sirene longa	Forma de navio	Dois toques de sirene curta e quadragenta e seis toques de sirene longa
Regulamento 99	Países com direito de passagem	Três toques de sirene curta e quadragenta e seis toques de sirene longa	Forma de navio	Três toques de sirene curta e quadragenta e seis toques de sirene longa
Regulamento 100	Países com direito de passagem	Quatro toques de sirene curta e quadragenta e seis toques de sirene longa	Forma de navio	Quatro toques de sirene curta e quadragenta e seis toques de sirene longa

Procedimentos de segurança em conformidade com o Código ISM

©Everlux®

S 64 59

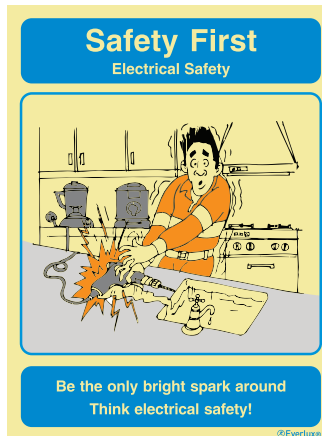
General safety awareness notices

Safety awareness

(mm)
300x400
400x600



S 65 01



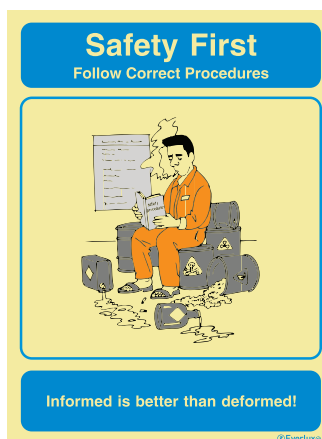
S 65 02



S 65 03



S 65 04



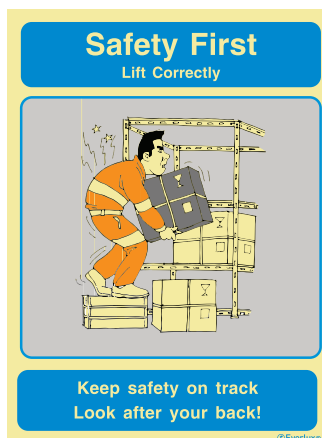
S 65 05



S 65 06



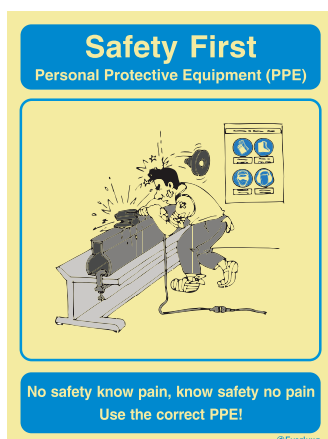
S 65 07



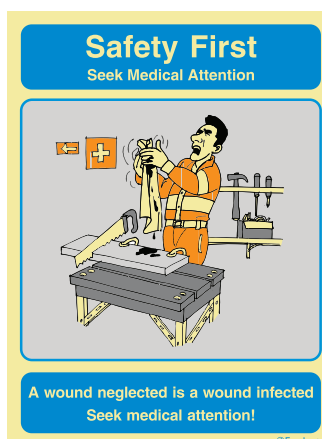
S 65 08



S 65 09



S 65 10



S 65 11

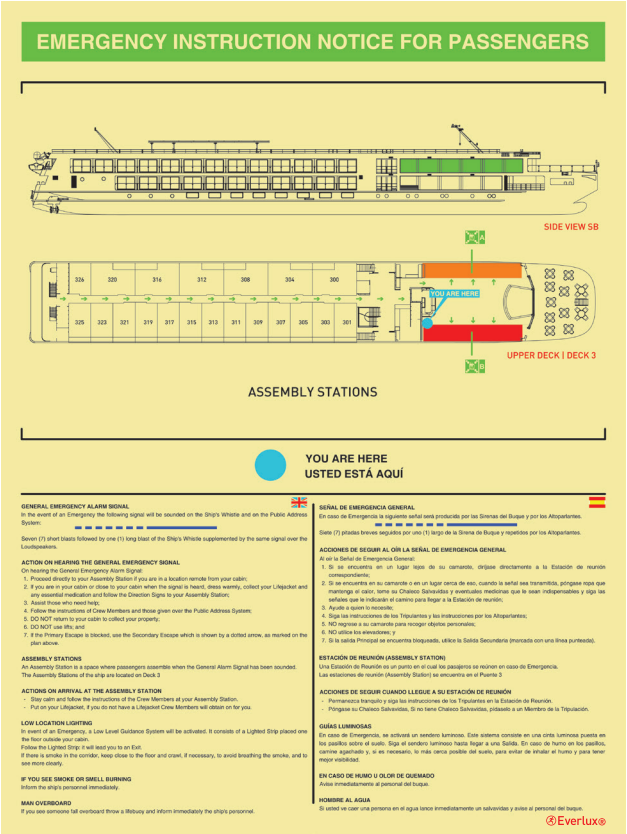


S 65 12

The Everlux® general awareness safety notices can be used to remind the crew of the basic safety principles in order to create a safe environment on board.

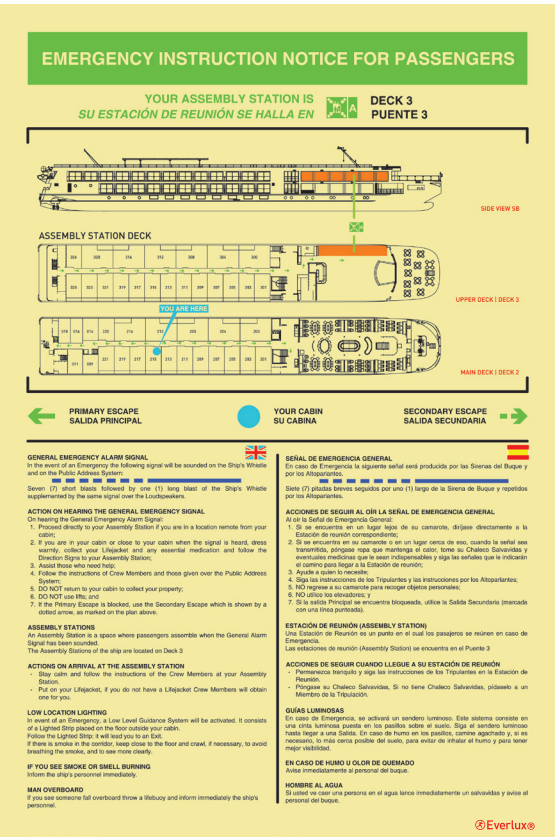
When used together with the Everlux® safety awareness training procedures they will help you to comply with the ISM Code requirements

Deck safety plan



S DEC P

Cabin safety plan



S CAB P

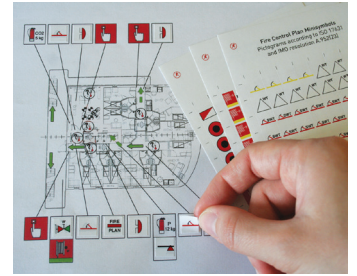


Fire control and safety plans

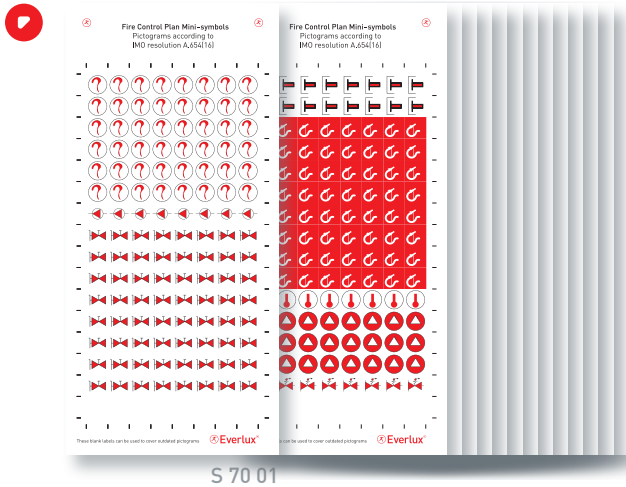
⊗Everlux® self-adhesive mini-symbols

The ⊗Everlux® self-adhesive mini-symbols are the ideal solution to update the locations of fire fighting and life-saving equipments in the fire control and safety plans.

The mini-symbols follow the IMO and ISO regulations and are available in 4 packs. Ref. S 70 01, S 70 02 and S 70 03 according to each relevant regulation/ standard as described below. The fourth pack consists of these 3 sets together. It contains 36 pages and a total of 4338 mini-symbols. It can be purchased by ordering Ref. S 70 00.



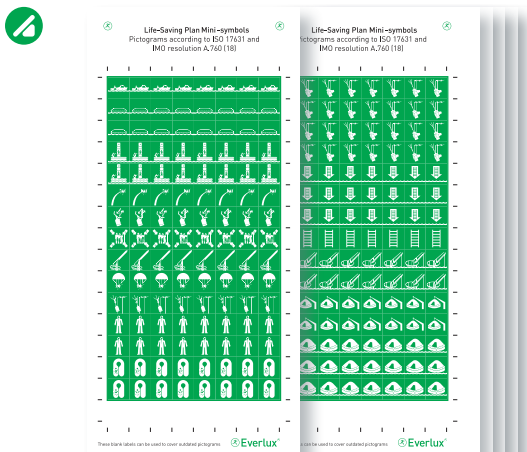
(mm)
10x10(*)
(*) Each
mini-symbol



S 70 01

Fire control mini-symbols according to IMO Resolution A. 654 - containing 12 pages and a total of 1536 mini-symbols.

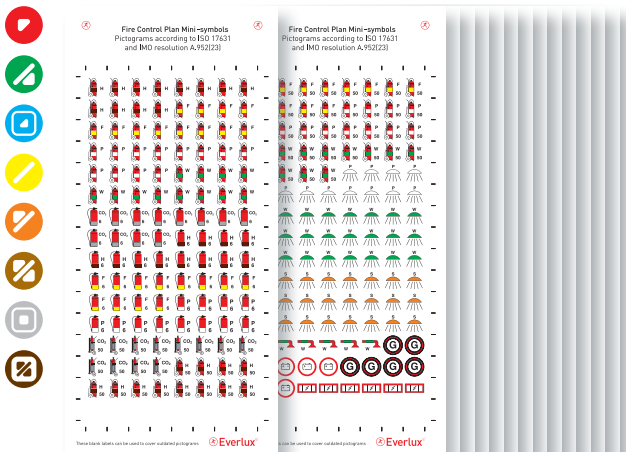
(mm)
10x10(*)
(*) Each
mini-symbol



S 70 02

Life-saving mini-symbols according to ISO 17631 and IMO Resolution A. 760 - containing 6 pages and a total of 768 mini-symbols.

(mm)
10x10(*)
(*) Each
mini-symbol



S 70 03

Fire control mini-symbols according to ISO 17631 and IMO Resolution A. 952 - containing 18 pages and a total of 2034 mini-symbols.

Decorative and onboard way-finding signs

④ Everlux® has the ability to design, develop and manufacture way-finding and decorative signage solutions in different base materials, always with a high concern on the aesthetics of the signs and their most suitable integration with the general interior decoration of the vessel.

Cabin identification



Deck identification and cabin facility way-finding



For more information on this service, please contact us at: commercial@everluxmaritime.com

□ Frame and Adhesive

Ⓢ Everlux® frames



Self-Assembly Frame

S 80 01



Slim-Line Frame

S 80 02

Ⓢ Everlux® frames are the ideal accessory when installing safety signs providing an aesthetic finish. They have a discreet and elegant design and are manufactured using high quality materials. They allow the connection between the sign and the wall and their visual weight does not conflict with the sign, resulting in a perfect harmony between the three elements (wall-frame-sign).

Properties:

Material: Aluminium

Available models:

Ⓢ Everlux® self-assembly frame – 4 aluminium components, cut to match the size of the sign are supplied along with 4 plastic “L” connectors and 4 squares of double-sided adhesive tape, to allow putting together this practical frame.

Ⓢ Everlux® slim-line frame – supplied with the respective sign and ready to be installed.

Installation:

Both frames can be pasted to the wall by using double-sided adhesive tape or Ⓢ Everlux® adhesive.

Frames are only suitable to square and rectangular shaped signs.

Ⓢ Everlux® adhesive



Applied correctly
Ⓢ Everlux® adhesive
has been proven to be
more cost effective
than other adhesive
brands

Adhesive (300ml)

ADHE

Ⓢ Everlux® adhesive is the ideal solution for installing Ⓢ Everlux® safety signs to a wide variety of surfaces, including very irregular ones.

Properties:

- Fast initial drying which prevents possible slipping within the first seconds after installation;
- High temperature resistance (up to 75°C);
- High resistance to removal and humidity;
- After unlocking the gun, the product does not drip;
- High fluidity which allows an easy application (extrusion),

Instructions:

The best method for a correct and quick sign installation is to apply four small dots of the Ⓢ Everlux® adhesive on the corners of the sign and one dot in the centre. Then squeeze the sign against the wall (or surface where it shall be installed) by pressing on the four corners and centre of the sign. This will allow the adhesive to develop a very thin layer between the sign and the wall.

Alternatively, a very thin line of the adhesive can be applied around the perimeter of the sign 1cm from the edge in order to prevent it from oozing out. Squeeze the sign against the wall and move it slightly to allow the adhesive to spread perfectly. This is the recommended option for sign installations in locations which may be subject to vandalism.

Available in packs of 36 tubes. Each tube is supplied with a cap for the lid in order to prevent the adhesive from drying between uses.



IMPA and ISSA cross reference guide

IMPA	ISSA	Everlux	Page	IMPA	ISSA	Everlux	Page	IMPA	ISSA	Everlux	Page	IMPA	ISSA	Everlux	Page
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33.1508	47.515.08	S 63 01	78	33.1579	47.515.79	S 60 08	72	33.2232	47.522.32	S 56 06	69	33.2424	47.524.24	S 42 70	54
33.1509	47.515.09	S 63 18	81	33.2130	47.521.30	S 50 00	66	33.2233	47.522.33	S 56 03	69	33.2425	47.524.25	S 42 71	54
33.1510	47.515.10	S 62 52	78	33.2140	47.521.40	S 50 01	66	33.2234	47.522.34	S 56 05	69	33.2426	47.524.26	S 42 72	54
33.1511	47.515.11	S 62 51	78	33.2141	47.521.41	S 50 02	66	33.2235	47.522.35	S 56 51	70	33.2427	47.524.27	S 42 73	54
33.1512	47.515.12	S 62 54	78	33.2142	47.521.42	S 50 03	66	33.2236	47.522.36	S 56 52	70	33.2428	47.524.28	S 42 74	54
33.1513	47.515.13	S 62 03	77	33.2143	47.521.43	S 50 04	66	33.2237	47.522.37	S 56 53	70	33.2429	47.524.29	S 42 75	54
33.1514	47.515.14	S 62 04	77	33.2144	47.521.44	S 50 05	66	33.2238	47.522.38	S 56 55	70	33.2430	47.524.30	S 42 76	54
33.1515	47.515.15	S 60 52	72	33.2145	47.521.45	S 50 06	66	33.2277	47.522.77	S 56 56	70	33.2431	47.524.31	S 42 77	54
33.1516	47.515.16	S 60 51	72	33.2146	47.521.46	S 50 07	66	33.2240	47.522.40	S 56 57	70	33.2432	47.524.32	S 42 78	54
33.1517	47.515.17	S 63 08	79	33.2147	47.521.47	S 50 08	66	33.2241	47.522.41	S 56 58	70	33.2433	47.524.33	S 42 79	54
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33.1522	47.515.22	S 63 13	80	33.2150	47.521.50	S 50 11	66	33.2251	47.522.51	S 55 12	69	33.2436	47.524.36	S 42 82	54
33.1523	47.515.23	S 63 02	78	33.2151	47.521.51	S 50 12	66	33.2253	47.522.53	S 55 32	69	33.2437	47.524.37	S 42 83	54
33.1524	47.515.24	S 63 03	79	33.2201	47.522.01	S 59 01	70	33.2401	47.524.01	S 42 51	54	33.2438	47.524.38	S 42 84	54
33.1525	47.515.25	S 63 12	80	33.2202	47.522.02	S 55 19	69	33.2402	47.524.02	S 42 52	54	33.2439	47.524.39	S 42 85	54
33.1526	47.515.26	S 62 00	76	33.2207	47.522.07	S 55 14	69	33.2403	47.524.03	S 42 53	54	33.2440	47.524.40	S 42 86	54
33.1527	47.515.27	S 60 01	71	33.2208	47.522.08	S 55 16	69	33.2404	47.524.04	S 42 54	54	33.2441	47.524.41	S 42 87	54
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33.1532	47.515.32	S 63 15	81	33.2213	47.522.13	S 55 25	69	33.2409	47.524.09	S 42 59	54	33.2503	47.525.03	S 47 03	64
33.1533	47.515.33	S 63 04	79	33.2275	47.522.75	S 55 26	69	33.2410	47.524.10	S 42 60	54	33.2504	47.525.04	S 47 04	64
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33.1536	47.515.36	S 60 02	71	33.2216	47.522.16	S 55 28	69	33.2412	47.524.12	S 42 62	54	33.2507	47.525.07	S 47 06	64
33.1537	47.515.37	S 63 62	83	33.2217	47.522.17	S 55 29	69	33.2413	47.524.13	S 42 01	54	33.2508	47.525.08	S 47 07	64
33.1539	47.515.39	S 63 64	83	33.2218	47.522.18	S 55 30	69	33.2414	47.524.14	S 42 63	54	33.2509	47.525.09	S 47 08	64
33.1541	47.515.41	S 63 63	83	33.2219	47.522.19	S 55 31	69	33.2415	47.524.15	S 42 64	54	33.2510	47.525.10	S 47 09	64
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1) Sign with the same message as IMPA and ISSA sign, but with a different format

IMPA and ISSA cross reference guide

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33.2524	47.525.24	S 47 51	64	33.3126	47.531.26	S 41 06	53	33.4102	47.541.02	S 02 53	11	33.4145	47.541.45	S 03 04	12
33.2525	47.525.25	S 47 56	64	33.3127	47.531.27	S 41 08	53	33.4103	47.541.03	S 02 54	11	33.4150	47.541.50	S 02 26	10
33.2526	47.525.26	S 47 57	64	33.3128	47.531.28	S 41 09	53	33.4104	47.541.04	S 02 55	11	33.4152	47.541.52	S 03 03	12
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33.2528	47.525.28	S 47 58	64	33.3135	47.531.35	S 41 11	53	33.4106	47.541.06	S 02 57	11	33.4154	47.541.54	S 03 14	12
33.2529	47.525.29	S 47 60	64	33.3136	47.531.36	S 41 12	53	33.4107	47.541.07	S 02 58	11	33.4155	47.541.55	S 03 13	12
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33.2531	47.525.31	S 47 62	64	33.3138	47.531.38	S 40 72	52	33.4109	47.541.09	S 02 60	11	33.4171	47.541.71	S 03 38	12
33.2532	47.525.32	S 47 63	64	33.3139	47.531.39	S 40 73	52	33.4110	47.541.10	S 02 62	11	33.4172	47.541.72	S 03 34	12
33.2540	47.525.40	S 47 81	64	33.4050	47.540.50	S 02 01	10	33.4111	47.541.11	S 02 63	11	33.4173	47.541.73	S 03 39	12
33.2541	47.525.41	S 47 10	64	33.4051	47.540.51	S 02 02	10	33.4112	47.541.12	S 02 65	11	33.4174	47.541.74	S 03 49	12
33.2542	47.525.42	S 47 11	64	33.4052	47.540.52	S 02 03	10	33.4113	47.541.13	S 02 73	11	33.4175	47.541.75	S 03 50	12
33.2703	47.527.03	S 42 10	55 ¹⁾	33.4053	47.540.53	S 02 04	10	33.4114	47.541.14	S 02 69	11	33.4176	47.541.76	S 03 33	12
33.2889	47.528.89	S 42 42	56	33.4054	47.540.54	S 02 05	10	33.4115	47.541.15	S 02 70	11	33.4177	47.541.77	S 03 32	12
33.2896	47.528.96	S 42 40	56	33.4055	47.540.55	S 02 06	10	33.4116	47.541.16	S 02 68	11	33.4178	47.541.78	S 03 45	12
33.2974	47.529.74	S 42 41	56	33.4056	47.540.56	S 02 07	10	33.4117	47.541.17	S 02 71	11	33.4179	47.541.79	S 03 42	12
33.3014	47.530.14	S 40 71	52	33.4057	47.540.57	S 02 08	10	33.4118	47.541.18	S 02 72	11	33.4180	47.541.80	S 03 44	12
33.3100	47.531.00	S 40 51	52	33.4058	47.540.58	S 02 09	10	33.4119	47.541.19	S 03 62	13	33.4181	47.541.81	S 03 53	12
33.3101	47.531.01	S 40 52	52	33.4059	47.540.59	S 02 10	10	33.4120	47.541.20	S 02 74	11	33.4182	47.541.82	S 03 48	12
33.3102	47.531.02	S 40 53	52	33.4060	47.540.60	S 02 12	10	33.4121	47.541.21	S 02 75	11	33.4183	47.541.83	S 03 51	12
33.3103	47.531.03	S 40 54	52	33.4061	47.540.61	S 02 13	10	33.4123	47.541.23	S 02 51	11	33.4184	47.541.84	S 03 52	12
33.3104	47.531.04	S 40 58	52	33.4062	47.540.62	S 02 15	10	33.4124	47.541.24	S 03 62	13	33.4187	47.541.87	S 05 51	16
33.3105	47.531.05	S 40 59	52	33.4063	47.540.63	S 02 23	10	33.4125	47.541.25	S 02 66	11	33.4188	47.541.88	S 03 43	12
33.3106	47.531.06	S 40 60	52	33.4064	47.540.64	S 02 19	10	33.4126	47.541.26	S 02 67	11	33.4189	47.541.89	S 03 47	12
33.3108	47.531.08	S 40 81	53	33.4065	47.540.65	S 02 20	10	33.4127	47.541.27	S 02 76	11	33.4200	47.542.00	S 04 00	14
33.3109	47.531.09	S 40 55	52	33.4066	47.540.66	S 02 18	10	33.4129	47.541.29	S 02 77	11	33.4201	47.542.01	S 04 01	14
33.3110	47.531.10	S 40 61	52	33.4067	47.540.67	S 02 21	10	33.4130	47.541.30	S 03 46	12 ¹⁾	33.4202	47.542.02	S 04 02	14
33.3111	47.531.11	S 41 04	53	33.4068	47.540.68	S 02 22	10	33.4131	47.541.31	S 02 78	11	33.4203	47.542.03	S 04 03	14
33.3112	47.531.12	S 40 56	52	33.4069	47.540.69	S 03 61	13	33.4132	47.541.32	S 02 84	11	33.4204	47.542.04	S 04 04	14
33.3113	47.531.13	S 40 62	52	33.4070	47.540.70	S 02 24	10	33.4134	47.541.34	S 02 61	11	33.4205	47.542.05	S 04 05	14
33.3114	47.531.14	S 40 63	52	33.4071	47.540.71	S 02 25	10	33.4135	47.541.35	S 03 10	12	33.4206	47.542.06	S 04 06	14
33.3115	47.531.15	S 40 64	52	33.4075	47.540.75	S 02 16	10	33.4136	47.541.36	S 03 37	12	33.4207	47.542.07	S 04 07	14
33.3116	47.531.16	S 40 57	52	33.4076	47.540.76	S 02 17	10	33.4137	47.541.37	S 03 02	12	33.4208	47.542.08	S 04 08	14
33.3122	47.531.22	S 41 01	53	33.4078	47.540.78	S 02 27	10	33.4138	47.541.38	S 03 31	12	33.4209	47.542.09	S 04 09	14

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33.4210	47.542.10	S 04 1A	14	33.4325	47.543.25	S 03 79	13	33.4424	47.544.24	S 04 65	15	33.5653	47.556.53	S 35 11	44
33.4211	47.542.11	S 04 1B	14	33.4326	47.543.26	S 03 83	13	33.4425	47.544.25	S 04 63	15	33.5654	47.556.54	S 35 08	44
33.4212	47.542.12	S 04 1C	14	33.4327	47.543.27	S 03 80	13	33.4426	47.544.26	S 04 10	14 ¹	33.5655	47.556.55	S 35 21	44
33.4213	47.542.13	S 04 1D	14	33.4328	47.543.28	S 03 82	13	33.4427	47.544.27	S 04 10	14	33.5656	47.556.56	S 00 11	9
33.4214	47.542.14	S 04 1E	14	33.4329	47.543.29	S 03 81	13	33.4454	47.544.54	S 03 66	15	33.5675	47.556.75	S 35 91	46
33.4215	47.542.15	S 04 1F	14	33.4331	47.543.31	S 03 77	13	33.4455	47.544.55	S 03 67	15	33.5678	47.556.78	S 35 69	45
33.4240	47.542.40	S 04 00	14	33.4332	47.543.32	S 03 76	13	33.4470	47.544.70	S 04 15	14	33.5679	47.556.79	S 36 16	46
33.4241	47.542.41	S 04 01	14	33.4333	47.543.33	S 03 78	13	33.4471	47.544.71	S 04 16	14	33.5680	47.556.80	S 36 84	47
33.4242	47.542.42	S 04 02	14	33.4334	47.543.34	S 03 75	13	33.4480	47.544.80	S 05 18	16	33.5690	47.556.90	S 36 48	47
33.4243	47.542.43	S 04 03	14	33.4335	47.543.35	S 03 71	13	33.4481	47.544.81	S 05 19	16	33.5691	47.556.91	S 36 49	47
33.4244	47.542.44	S 04 04	14	33.4336	47.543.36	S 03 74	13	33.4482	47.544.82	S 05 15	16	33.5692	47.556.92	S 36 50	47
33.4245	47.542.45	S 04 05	14	33.4337	47.543.37	S 03 72	13	33.4483	47.544.83	S 05 16	16	33.5693	47.556.93	S 36 52	47
33.4246	47.542.46	S 04 06	14	33.4339	47.543.39	S 03 73	15	33.4820	47.548.20	S 04 71	15	33.5694	47.556.94	S 36 53	47
33.4247	47.542.47	S 04 07	14	33.4340	47.543.40	S 04 55	14	33.4821	47.548.21	S 04 93	15	33.5695	47.556.95	S 36 54	47
33.4248	47.542.48	S 04 08	14	33.4345	47.543.45	S 04 51	15	33.4824	47.548.24	S 04 85	15	33.5709	47.557.09	S 35 67	45
33.4249	47.542.49	S 04 09	14	33.4342	47.543.42	S 04 54	15	33.4825	47.548.25	S 04 81	15	33.5710	47.557.10	S 35 51	45 ¹
33.4250	47.542.50	S 04 1A	14	33.4343	47.543.43	S 04 52	15	33.5100	47.551.00	S 01 01	9	33.5712	47.557.12	S 35 53	45 ¹
33.4251	47.542.51	S 04 1B	14	33.4344	47.543.44	S 04 53	15	33.5101	47.551.01	S 01 02	9	33.5716	47.557.16	S 35 73	45 ¹
33.4252	47.542.52	S 04 1C	14	33.4341	47.543.41	S 04 56	15	33.5102	47.551.02	S 01 03	9	33.5719	47.557.19	S 35 68	45
33.4253	47.542.53	S 04 1D	14	33.4400	47.544.00	S 04 42	15	33.5103	47.551.03	S 01 04	9	33.5721	47.557.21	S 35 60	45 ¹
33.4254	47.542.54	S 04 1E	14	33.4401	47.544.01	S 04 43	15	33.5104	47.551.04	S 01 05	9	33.5722	47.557.22	S 35 61	45 ¹
33.4255	47.542.55	S 04 1F	14	33.4402	47.544.02	S 04 41	15	33.5105	47.551.05	S 01 06	9	33.5723	47.557.23	S 35 55	45 ¹
33.4300	47.543.00	S 03 96	13	33.4403	47.544.03	S 04 44	15	33.5106	47.551.06	S 01 07	9	33.5724	47.557.24	S 35 65	45 ¹
33.4301	47.543.01	S 03 97	13	33.4404	47.544.04	S 04 40	15	33.5107	47.551.07	S 01 08	9	33.5725	47.557.25	S 35 70	45
33.4302	47.543.02	S 03 95	13	33.4405	47.544.05	S 04 35	15	33.5108	47.551.08	S 01 09	9	33.5726	47.557.26	S 35 76	45 ¹
33.4303	47.543.03	S 03 98	13	33.4406	47.544.06	S 04 39	15	33.5109	47.551.09	S 01 10	9	33.5727	47.557.27	S 35 66	45 ¹
33.4304	47.543.04	S 03 94	13	33.4407	47.544.07	S 04 36	15	33.5642	47.556.42	S 35 01	44	33.5728	47.557.28	S 35 71	45 ¹
33.4305	47.543.05	S 03 89	13	33.4408	47.544.08	S 04 38	15	33.5643	47.556.43	S 35 24	44	33.5729	47.557.29	S 35 92	46 ¹
33.4306	47.543.06	S 03 93	13	33.4409	47.544.09	S 04 37	15	33.5644	47.556.44	S 35 02	44	33.5731	47.557.31	S 35 64	45 ¹
33.4307	47.543.07	S 03 90	13	33.4410	47.544.10	S 04 46	15	33.5645	47.556.45	S 35 12	44	33.5733	47.557.33	S 35 52	45 ¹
33.4308	47.543.08	S 03 92	13	33.4411	47.544.11	S 04 45	15	33.5646	47.556.46	S 35 05	44	33.5734	47.557.34	S 35 54	45 ¹
33.4309	47.543.09	S 03 91	13	33.4413	47.544.13	S 04 47	15	33.5647	47.556.47	S 35 04	44	33.5735	47.557.35	S 35 91	46
33.4320	47.543.20	S 03 86	13	33.4416	47.544.16	S 04 48	15	33.5648	47.556.48	S 35 03	44	33.5736	47.557.36	S 36 46	47 ¹
33.4321	47.543.21	S 03 87	13	33.4420	47.544.20	S 03 64	13	33.5649	47.556.49	S 35 06	44	33.5737	47.557.37	S 36 42	47 ¹
33.4322	47.543.22	S 03 85	13	33.4421	47.544.21	S 03 65	13	33.5650	47.556.50	S 35 07	44	33.5738	47.557.38	S 36 43	47 ¹
33.4323	47.543.23	S 03 88	13	33.4422	47.544.22	S 04 61	15	33.5651	47.556.51	S 35 15	44	33.5739	47.557.39	S 36 44	47 ¹
33.4324	47.543.24	S 03 84	13	33.4423	47.544.23	S 04 62	15	33.5652	47.556.52	S 35 14	44	33.5740	47.557.40	S 36 45	47 ¹

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33.5745	47.557.45	S 36 55	47	33.5878	47.558.78	S 36 82	47 ¹	33.6033	47.560.33	S 10 71	18	33.6070	47.560.70	S 10 56	18
33.5746	47.557.46	S 36 56	47	33.5900	47.559.00	S 61 04	75	33.6034	47.560.34	S 10 70	18	33.6071	47.560.71	S 10 57	18
33.5768	47.557.68	S 36 47	47 ¹	33.5901	47.559.01	S 61 05	75	33.6035	47.560.35	S 10 72	18	33.6072	47.560.72	S 10 77	19
33.5769	47.557.69	S 36 83	47 ¹	33.5902	47.559.02	S 61 03	75	33.6036	47.560.36	S 10 64	18	33.6073	47.560.73	S 10 65	18
33.5782	47.557.82	S 35 77	45 ¹	33.5903	47.559.03	S 61 06	75	33.6037	47.560.37	S 10 60	18	33.6074	47.560.74	S 10 66	18
33.5800	47.558.00	S 34 21	43	33.6001	47.560.01	S 10 01	17	33.6038	47.560.38	S 10 73	18	33.6075	47.560.75	S 10 67	18
33.5801	47.558.01	S 34 31	43	33.6002	47.560.02	S 10 02	17	33.6039	47.560.39	S 10 75	19	33.6076	47.560.76	S 10 68	18
33.5802	47.558.02	S 34 20	43	33.6003	47.560.03	S 10 03	17	33.6040	47.560.40	S 10 74	18	33.6077	47.560.77	S 10 78	19
33.5803	47.558.03	S 34 08	43	33.6004	47.560.04	S 10 04	17	33.6041	47.560.41	S 10 76	19	33.6078	47.560.78	S 10 79	19
33.5804	47.558.04	S 34 07	43	33.6005	47.560.05	S 10 05	17	33.6042	47.560.42	S 10 80	19	33.6079	47.560.79	S 10 43	18
33.5805	47.558.05	S 34 09	43	33.6006	47.560.06	S 10 06	17	33.6043	47.560.43	S 10 07	17	33.6080	47.560.80	S 10 44	18
33.5806	47.558.06	S 34 35	43	33.6007	47.560.07	S 10 13	17	33.6044	47.560.44	S 10 08	17	33.6081	47.560.81	S 10 45	18
33.5807	47.558.07	S 34 13	43	33.6008	47.560.08	S 10 14	17	33.6045	47.560.45	S 10 09	17	33.6082	47.560.82	S 10 46	18
33.5808	47.558.08	S 34 02	43	33.6009	47.560.09	S 10 15	17	33.6046	47.560.46	S 10 11	17	33.6083	47.560.83	S 10 47	18
33.5809	47.558.09	S 34 29	43	33.6010	47.560.10	S 10 16	17	33.6047	47.560.47	S 10 10	17	33.6084	47.560.84	S 10 48	18
33.5811	47.558.11	S 34 15	43	33.6011	47.560.11	S 10 17	17	33.6048	47.560.48	S 10 12	17	33.6085	47.560.85	S 10 49	18
33.5812	47.558.12	S 34 18	43	33.6012	47.560.12	S 10 18	17	33.6049	47.560.49	S 10 19	17	33.6086	47.560.86	S 10 50	18
33.5814	47.558.14	S 34 14	43	33.6013	47.560.13	S 10 25	17	33.6050	47.560.50	S 10 20	17	33.6087	47.560.87	S 14 55	23
33.5817	47.558.17	S 34 01	43	33.6014	47.560.14	S 10 26	17	33.6051	47.560.51	S 10 21	17	33.6088	47.560.88	S 14 58	23
33.5818	47.538.18	S 34 04	43	33.6015	47.560.15	S 10 27	17	33.6052	47.560.52	S 10 22	17	33.6089	47.560.89	S 14 57	23
33.5819	47.538.19	S 34 05	43	33.6016	47.560.16	S 10 28	17	33.6053	47.560.53	S 10 23	17	33.6091	47.560.91	S 14 56	23
33.5820	47.538.20	S 34 06	43	33.6017	47.560.17	S 10 29	17	33.6054	47.560.54	S 10 24	17	33.6100	47.561.00	S 16 01	24
33.5822	47.558.22	S 34 38	43	33.6018	47.560.18	S 10 30	17	33.6055	47.560.55	S 10 84	19	33.6101	47.561.01	S 13 12	22
33.5824	47.558.24	S 36 01	46	33.6019	47.560.19	S 10 34	18	33.6056	47.560.56	S 10 81	19	33.6102	47.561.02	S 16 06	24
33.5825	47.558.25	S 36 03	46	33.6020	47.560.20	S 10 35	18	33.6057	47.560.57	S 10 41	18	33.6103	47.561.03	S 18 05	27
33.5851	47.558.51	S 36 17	46	33.6021	47.560.21	S 10 36	18	33.6058	47.560.58	S 10 31	17	33.6104	47.561.04	S 18 06	27
33.5852	47.558.52	S 36 18	46	33.6022	47.560.22	S 10 37	18	33.6059	47.560.59	S 10 32	17	33.6120	47.561.20	S 16 72	25
33.5853	47.558.53	S 36 19	46	33.6023	47.560.23	S 10 38	18	33.6060	47.560.60	S 10 33	18	33.6121	47.561.21	S 18 23	27
33.5855	47.558.55	S 36 02	46	33.6024	47.560.24	S 10 39	18	33.6061	47.560.61	S 10 82	19	33.6122	47.561.22	S 16 75	25
33.5870	47.558.70	S 36 07	46 ¹	33.6025	47.560.25	S 10 85	19	33.6062	47.560.62	S 10 83	19	33.6123	47.561.23	S 18 21	27
33.5871	47.558.71	S 36 08	46 ¹	33.6026	47.560.26	S 10 86	19	33.6063	47.560.63	S 10 51	18	33.6124	47.561.24	S 18 22	27
33.5872	47.558.72	S 36 20	46 ¹	33.6027	47.560.27	S 10 40	18	33.6064	47.560.64	S 10 61	18	33.6140	47.561.40	S 19 01	28
33.5873	47.558.73	S 36 13	46 ¹	33.6028	47.560.28	S 10 58	18	33.6065	47.560.65	S 10 62	18	33.6141	47.561.41	S 19 10	28
33.5874	47.558.74	S 36 14	46 ¹	33.6029	47.560.29	S 10 42	18	33.6066	47.560.66	S 10 63	18	33.6142	47.561.42	S 19 11	28
33.5875	47.558.75	S 36 21	46 ¹	33.6030	47.560.30	S 10 52	18	33.6067	47.560.67	S 10 53	18	33.6143	47.561.43	S 19 12	28
33.5876	47.558.76	S 36 11	46 ¹	33.6031	47.560.31	S 10 59	18	33.6068	47.560.68	S 10 54	18	33.6144	47.561.44	S 19 06	28
33.5877	47.558.77	S 36 81	47 ¹	33.6032	47.560.32	S 10 69	18	33.6069	47.560.69	S 10 55	18	33.6145	47.561.45	S 19 07	28

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33.6146	47.561.46	S 19 09	28	33.6759	47.567.59	S 12 09	19	33.6797	47.567.97	S 12 47	20	33.6838	47.568.38	S 12 88	21
33.6147	47.561.47	S 19 13	28	33.6760	47.567.60	S 12 10	19	33.6799	47.567.99	S 12 49	20	33.6841	47.568.41	S 12 91	21
33.6149	47.561.49	S 19 23	28	33.6761	47.567.61	S 12 11	19	33.6801	47.568.01	S 12 51	20	33.6842	47.568.42	S 12 92	21
33.6150	47.561.50	S 19 34	28	33.6762	47.567.62	S 12 12	19	33.6802	47.568.02	S 12 52	20	33.6843	47.568.43	S 12 93	21
33.6151	47.561.51	S 19 24	28	33.6763	47.567.63	S 12 13	19	33.6803	47.568.03	S 12 53	20	33.6844	47.568.44	S 12 94	21
33.6152	47.561.52	S 19 18	28	33.6764	47.567.64	S 12 14	19	33.6804	47.568.04	S 12 54	20	33.6845	47.568.45	S 12 95	21
33.6153	47.561.53	S 19 19	28	33.6765	47.567.65	S 12 15	19	33.6805	47.568.05	S 12 55	20	33.6846	47.568.46	S 12 96	21
33.6154	47.561.54	S 19 20	28	33.6766	47.567.66	S 12 16	19	33.6806	47.568.06	S 12 56	20	33.6847	47.568.47	S 13 82	23
33.6155	47.561.55	S 19 21	28	33.6767	47.567.67	S 12 17	19	33.6807	47.568.07	S 12 57	20	33.6849	47.568.49	S 13 83	23
33.6157	47.561.57	S 19 29	28	33.6768	47.567.68	S 12 18	19	33.6808	47.568.08	S 12 58	20	33.6854	47.568.54	S 13 84	23
33.6158	47.561.58	S 19 22	28	33.6769	47.567.69	S 12 19	19	33.6809	47.568.09	S 12 59	20	33.6848	47.568.48	S 13 85	23
33.6159	47.561.59	S 19 28	28	33.6770	47.567.70	S 12 20	19	33.6810	47.568.10	S 12 61	20	33.6853	47.568.53	S 13 86	23
33.6160	47.561.60	S 19 26	28	33.6771	47.567.71	S 12 21	19	33.6812	47.568.12	S 12 62	20	33.6850	47.568.50	S 13 87	23
33.6163	47.561.63	S 19 03	28	33.6772	47.567.72	S 12 22	19	33.6813	47.568.13	S 12 63	21	33.6855	47.568.55	S 13 88	23
33.6164	47.561.64	S 19 05	28	33.6773	47.567.73	S 12 23	19	33.6815	47.568.15	S 12 65	21	33.6851	47.568.51	S 13 89	23
33.6165	47.561.65	S 19 04	28	33.6774	47.567.74	S 12 24	19	33.6816	47.568.16	S 12 69	21	33.6856	47.568.56	S 13 90	23
33.6210	47.562.10	S 16 10	24	33.6775	47.567.75	S 12 25	19	33.6817	47.568.17	S 12 68	21	33.6857	47.568.57	S 12 97	21
33.6211	47.562.11	S 16 09	24	33.6776	47.567.76	S 12 26	19	33.6818	47.568.18	S 12 66	21	33.6858	47.568.58	S 12 98	21
33.6300	47.563.00	S 18 48	27	33.6777	47.567.77	S 12 27	20	33.6819	47.568.19	S 12 67	21	33.6865	47.568.65	S 13 05	22
33.6301	47.563.01	S 16 85	24	33.6778	47.567.78	S 12 28	20	33.6820	47.568.20	S 12 70	21	33.6867	47.568.67	S 13 07	22
33.6500	47.565.00	S 25 71	38	33.6779	47.567.79	S 12 29	20	33.6821	47.568.21	S 12 71	21	33.6869	47.568.69	S 13 09	22
33.6501	47.565.01	S 25 11	38	33.6780	47.567.80	S 12 30	20	33.6822	47.568.22	S 12 73	21	33.6043	47.560.43	S 13 10	22
33.6502	47.565.02	S 25 73	38	33.6781	47.567.81	S 12 31	20	33.6823	47.568.23	S 12 72	21	33.6056	47.560.56	S 13 13	22
33.6503	47.565.03	S 25 17	38	33.6782	47.567.82	S 12 32	20	33.6824	47.568.24	S 12 74	21	33.6872	47.568.72	S 13 12	22
33.6504	47.565.04	S 25 72	38	33.6783	47.567.83	S 12 33	20	33.6825	47.568.25	S 12 75	21	33.6875	47.568.75	S 13 15	22
33.6505	47.565.05	S 25 15	38	33.6784	47.567.84	S 12 34	20	33.6826	47.568.26	S 12 76	21	33.7000	47.570.00	S 32 71	42
33.6506	47.565.06	S 25 74	38	33.6785	47.567.85	S 12 35	20	33.6827	47.568.27	S 12 77	21	33.7500	47.575.00	S 30 01	40 ¹
33.6507	47.565.07	S 25 19	38	33.6786	47.567.86	S 12 36	20	33.6828	47.568.28	S 12 79	21	33.7501	47.575.01	S 30 06	40 ¹
33.6715	47.567.15	S 14 51	23	33.6787	47.567.87	S 12 37	20	33.6829	47.568.29	S 12 78	21	33.7502	47.575.02	S 30 12	40 ¹
33.6751	47.567.51	S 12 01	19	33.6788	47.567.88	S 12 38	20	33.6830	47.568.30	S 12 80	21	33.7503	47.575.03	S 30 09	40 ¹
33.6752	47.567.52	S 12 02	19	33.6789	47.567.89	S 12 39	20	33.6831	47.568.31	S 12 81	21	33.7504	47.575.04	S 30 03	40 ¹
33.6753	47.567.53	S 12 03	19	33.6790	47.567.90	S 12 40	20	33.6832	47.568.32	S 12 82	21	33.7505	47.575.05	S 31 04	41 ¹
33.6754	47.567.54	S 12 04	19	33.6791	47.567.91	S 12 41	20	33.6833	47.568.33	S 12 83	21	33.7506	47.575.06	S 31 03	41 ¹
33.6755	47.567.55	S 12 05	19	33.6792	47.567.92	S 12 42	20	33.6834	47.568.34	S 12 85	21	33.7507	47.575.07	S 31 01	41 ¹
33.6756	47.567.56	S 12 06	19	33.6793	47.567.93	S 12 43	20	33.6835	47.568.35	S 12 84	21	33.7508	47.575.08	S 30 07	40 ¹
33.6757	47.567.57	S 12 07	19	33.6794	47.567.94	S 12 44	20	33.6836	47.568.36	S 12 86	21	33.7509	47.575.09	S 31 02	41 ¹
33.6758	47.567.58	S 12 08	19	33.6795	47.567.95	S 12 45	20	33.6837	47.568.37	S 12 87	21	33.7510	47.575.10	S 31 07	41 ¹

1) Sign with the same message as IMPA and ISSA sign, but with a different format

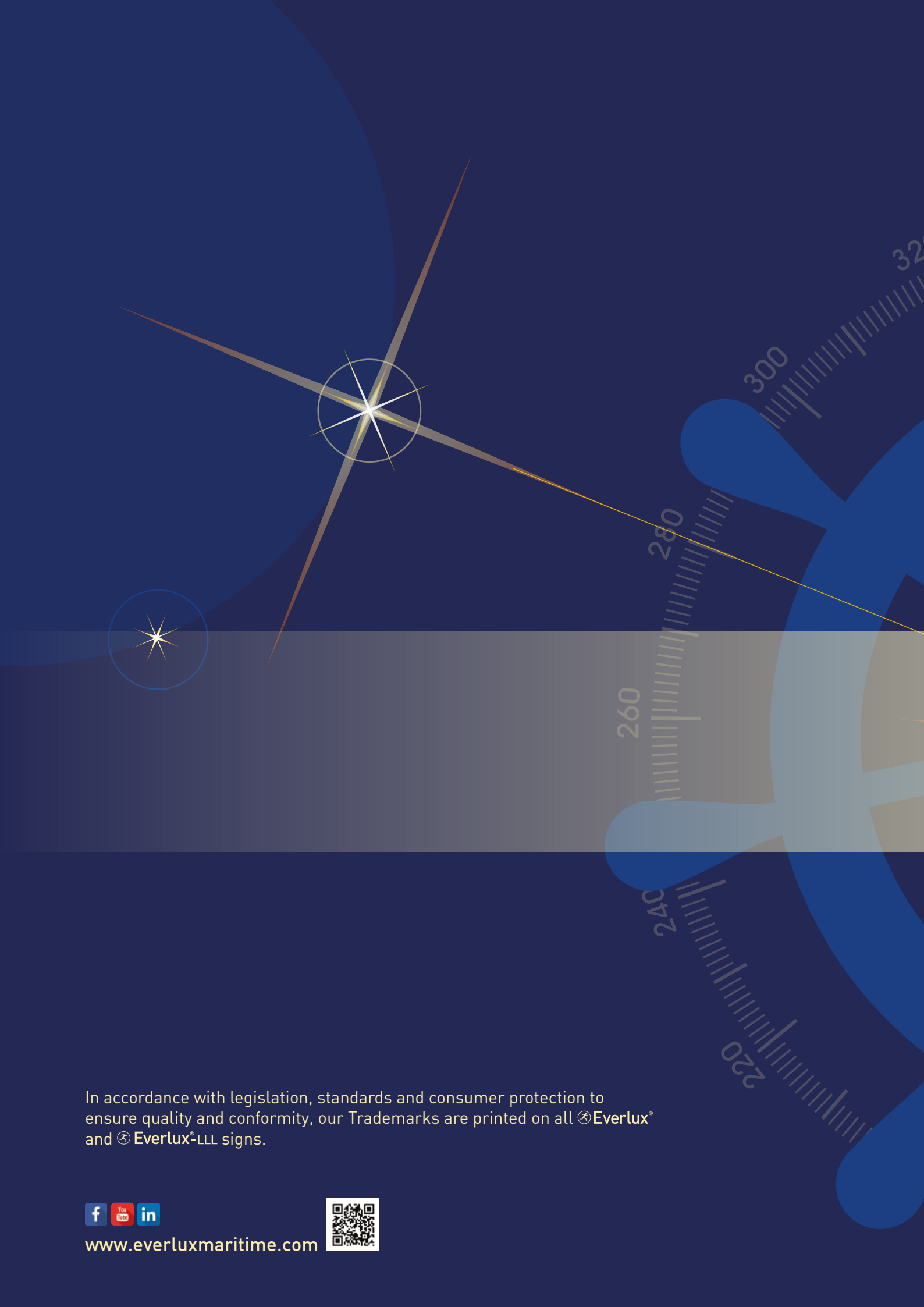
IMPA and ISSA cross reference guide


IMPA	ISSA	Everlux	Page	IMPA	ISSA	Everlux	Page	IMPA	ISSA	Everlux	Page	IMPA	ISSA	Everlux	Page
33.7511	47.575.11	S 31 10	41 ¹	33.7584	47.575.84	S 30 77	40 ¹	33.7636	47.576.36	S 31 71	41 ¹	33.8544	47.585.44	S 38 66	49
33.7515	47.575.15	S 31 12	41 ¹	33.7585	47.575.85	S 30 78	40 ¹	33.7650	47.576.50	S 31 81	42 ¹	33.8545	47.585.45	S 38 64	49
33.7516	47.575.16	S 30 02	40 ¹	33.7587	47.575.87	S 31 54	41 ¹	33.7651	47.576.51	S 32 00	42 ¹	33.8546	47.585.46	S 38 65	49
33.7540	47.575.40	S 30 51	40 ¹	33.7590	47.575.90	S 31 77	41 ¹	33.7660	47.576.60	S 31 82	42 ¹	33.8547	47.585.47	S 39 95	51
33.7541	47.575.41	S 32 15	42 ¹	33.7591	47.575.91	S 31 78	41 ¹	33.7668	47.576.68	S 30 72	40 ¹	33.8548	47.585.48	S 38 70	49
33.7542	47.575.42	S 30 52	40 ¹	33.7596	47.575.96	S 31 79	41 ¹	33.7670	47.576.70	S 31 83	42 ¹	33.8549	47.585.49	S 38 63	49
33.7543	47.575.43	S 30 53	40 ¹	33.7597	47.575.97	S 31 80	41 ¹	33.7673	47.576.73	S 31 86	42 ¹	33.8550	47.585.50	S 39 52	50
33.7544	47.575.44	S 30 54	40 ¹	33.7598	47.575.98	S 32 58	42	33.7680	47.576.80	S 31 84	42 ¹	33.8550	47.585.50	S 40 17	51
33.7545	47.575.45	S 30 55	40 ¹	33.7600	47.576.00	S 31 72	41 ¹	33.7681	47.576.81	S 31 85	42 ¹	33.8551	47.585.51	S 39 58	50
33.7546	47.575.46	S 30 56	40 ¹	33.7601	47.576.01	S 31 73	41 ¹	33.7700	47.577.00	S 32 12	42	33.8552	47.585.52	S 39 57	50
33.7547	47.575.47	S 30 57	40 ¹	33.7604	47.576.04	S 31 74	41 ¹	33.7701	47.577.01	S 32 13	42	33.8553	47.585.53	S 38 71	49
33.7548	47.575.48	S 30 58	40 ¹	33.7605	47.576.05	S 31 75	41 ¹	33.8000	47.580.00	S 32 61	42	33.8555	47.585.55	S 39 60	50
33.7549	47.575.49	S 30 61	40 ¹	33.7610	47.576.10	S 31 51	41 ¹	33.8500	47.585.00	S 38 01	48	33.8556	47.585.56	S 39 67	50
33.7550	47.575.50	S 30 62	40 ¹	33.7611	47.576.11	S 31 52	41 ¹	33.8501	47.585.01	S 38 02	48	33.8557	47.585.57	S 38 60	49
33.7551	47.575.51	S 30 63	40 ¹	33.7613	47.576.13	S 31 53	41 ¹	33.8502	47.585.02	S 38 03	48	33.8559	47.585.59	S 38 61	49
33.7554	47.575.54	S 30 64	40 ¹	33.7614	47.576.14	S 31 60	41 ¹	33.8503	47.585.03	S 38 04	48	33.8560	47.585.60	S 39 63	50
33.7555	47.575.55	S 30 65	40 ¹	33.7615	47.576.15	S 31 59	41 ¹	33.8504	47.585.04	S 38 05	48	33.8561	47.585.61	S 39 64	50
33.7557	47.575.57	S 30 66	40 ¹	33.7616	47.576.16	S 31 57	41 ¹	33.8505	47.585.05	S 39 02	48	33.8563	47.585.63	S 39 51	50
33.7560	47.575.60	S 30 67	40 ¹	33.7617	47.576.17	S 31 58	41 ¹	33.8506	47.585.06	S 38 07	48	33.8564	47.585.64	S 38 72	49
33.7561	47.575.61	S 30 68	40 ¹	33.7618	47.576.18	S 31 56	41 ¹	33.8508	47.585.08	S 38 10	48	33.8565	47.585.65	S 39 65	50
33.7566	47.575.66	S 30 59	40 ¹	33.7619	47.576.19	S 31 55	41 ¹	33.8509	47.585.09	S 39 01	48	33.8566	47.585.66	S 39 66	50
33.7567	47.575.67	S 30 60	40 ¹	33.7620	47.576.20	S 30 82	40 ¹	33.8510	47.585.10	S 39 08	48	33.8567	47.585.67	S 39 68	50
33.7569	47.575.69	S 30 71	40	33.7623	47.576.23	S 30 83	40 ¹	33.8511	47.585.11	S 39 13	48	33.8568	47.585.68	S 39 55	50
33.7570	47.575.70	S 30 85	40 ¹	33.7623	47.576.23	S 32 75	42 ¹	33.8520	47.585.20	S 40 14	51	33.8569	47.585.69	S 39 56	50
33.7572	47.575.72	S 30 79	40 ¹	33.7624	47.576.24	S 30 69	40 ¹	33.8522	47.585.22	S 40 65	52	33.8570	47.585.70	S 39 54	50
33.7572	47.575.72	S 32 72	42 ¹	33.7624	47.576.24	S 32 73	42 ¹	33.8530	47.585.30	S 38 51	49	33.8570	47.585.70	S 40 15	51
33.7573	47.575.73	S 30 80	40 ¹	33.7625	47.576.25	S 31 61	41 ¹	33.8530	47.585.30	S 40 11	51	33.8574	47.585.74	S 39 91	51
33.7573	47.575.73	S 32 76	42 ¹	33.7626	47.576.26	S 31 62	41 ¹	33.8531	47.585.31	S 38 52	49	33.8574	47.585.74	S 40 16	51
33.7574	47.575.74	S 30 81	40 ¹	33.7627	47.576.27	S 31 63	41 ¹	33.8532	47.585.32	S 38 53	49	33.8575	47.585.75	S 40 12	51
33.7574	47.575.74	S 32 74	42 ¹	33.7628	47.576.28	S 31 64	41 ¹	33.8532	47.585.32	S 40 13	51	33.8576	47.585.76	S 39 59	50
33.7577	47.575.77	S 32 56	42	33.7629	47.576.29	S 30 84	40 ¹	33.8533	47.585.33	S 38 54	49	33.5747	47.557.47	S 40 01	51
33.7578	47.575.78	S 32 16	42	33.7630	47.576.30	S 31 67	41 ¹	33.8536	47.585.36	S 38 55	49	33.8619	47.586.19	S 40 02	51
33.7579	47.575.79	S 30 70	40	33.7631	47.576.31	S 31 65	41 ¹	33.8537	47.585.37	S 38 56	49	33.8619	47.586.19	S 40 20	51
33.7580	47.575.80	S 30 73	40 ¹	33.7632	47.576.32	S 31 68	41 ¹	33.8539	47.585.39	S 38 57	49	33.8567	47.585.67	S 40 04	51
33.7581	47.575.81	S 30 74	40 ¹	33.7633	47.576.33	S 31 69	41 ¹	33.8540	47.585.40	S 38 59	49	33.8690	47.586.90	S 39 81	50
33.7582	47.575.82	S 30 75	40 ¹	33.7634	47.576.34	S 31 70	41 ¹	33.8541	47.585.41	S 38 67	49	33.8691	47.586.91	S 39 82	50
33.7583	47.575.83	S 30 76	40 ¹	33.7635	47.576.35	S 31 66	41 ¹	33.8542	47.585.42	S 38 62	49	33.8692	47.586.92	S 39 83	50
								33.8543	47.585.43	S 38 58	49	33.8695	47.586.95	S 42 31	56

1) Sign with the same message as IMPA and ISSA sign, but with a different format

IMO regulations and applicable standards

IMO Resolution A.654(16) adopted on 19 October 1989	Graphical symbols for fire control plans
IMO Resolution A.752(18) adopted on 4 November 1993	Guidelines for the evaluation, testing and application of low-location lighting on passenger ships
IMO Resolution A.760(18) adopted on 4 November 1993	Symbols related to life-saving appliances and arrangements
IMO Resolution A.952(23) adopted on 5 December 2003	Graphical symbols for shipboard fire control plans
IMO Polar Code	Code for Ships Operating in Polar Waters
SOLAS Convention 2004 chapter II-2 Regulation 13.3.2.5	Construction – Fire protection, fire detection and fire extinction - Means of escape - Marking of escape routes
SOLAS Convention 2004 chapter II-2 Regulation 13.7.2.2	Construction – Fire protection, fire detection and fire extinction - Means of escape - Instruction for safe escape
SOLAS Convention 2004 chapter III-Regulation 9.2.3	Life-saving appliances and arrangements - Operating instructions
MARPOL Annex V, 2012 Revision	International Convention for the Prevention of Pollution from Ships
ISPS Code 2003 adopted on 12 December 2002	International Ship and Port Facility Code
ICAO and IMO document 9636	International signs to provide guidance to persons at airports and marine terminals
IMDG Code 2014 Edition	International Maritime Dangerous Goods (IMDG) Code
ISM Code 2014 Edition	International Safety Management (ISM) Code
European Directive 2014/90/EU	Directive marine equipment repealed Directive 96/98/EC
ISO 24409-1:2010	Ships and marine technology - Design, location and use of shipboard safety signs, safety related signs, safety notices and safety markings - Part 1: Design principles
ISO 24409 - 2: 2014	Ships and marine technology - Design, location and use of shipboard safety signs, safety-related signs, safety notices and safety markings - Part 2: Catalogue
ISO 24409 - 3: 2014	Ships and marine technology - Design, location, and use of shipboard safety signs, safety-related signs, safety notices and safety markings - Part 3: Code of practise
ISO 16069:2004	Graphical symbols - Safety signs - Safety way guidance systems (SWGGS)
ISO 3864-1:2011	Graphical symbols -Safety colours and safety signs - Part 1: Design principles for safety signs and safety markings
ISO 3864-2:2016	Graphical symbols - Safety colours and safety signs -Part 2: Design principles for product safety labels
ISO 17631:2002	Ships and marine technology -Shipboard plans for fire protection, life-saving appliances and means of escape
ISO 15370:2010	Ships and marine technology -Low-location lighting (LLL) on passenger ships -Arrangement
ISO 14726:2008	Ships and marine technology - Identification colours for the content of piping systems
ISO 20712-1:2008	Water safety signs and beach safety flags - Part 1: Specifications for water safety signs used in workplaces and public areas
EN ISO 7010:2012	Graphical symbols - Safety colours and safety signs -Registered safety signs
DIN 67510-1:2009	Photoluminescent pigments and products - Part 1: Measurement and marking at the producer.
DIN 67510-4:2008	Phosphorescent pigments and products - Part 4: Products for phosphorescent escape route systems - Markings and applications
REG 13-36 (PYC) Passenger yacht code January 2016	The code of practice for yachts carrying 13 to 36 passengers pleasure and leisure sector
MCA LY3, 2014	The Large Commercial Yacht Code (LY3)
NORSOK STANDARD L-004, 2016	Piping fabrication, installation, flushing and testing
NORSOK STANDARD C-002, Edition 4, September 2015	Architectural components and equipment
NORSOK STANDARD S-001, Edition 4, February 2008	Technical safety
2009 MODU CODE	IMO Code for the Construction and Equipment of Mobile Offshore Drilling Units, 2009
GOST R 12.2.143-2009	Occupational safety standards system. Photoluminescent evacuation systems. Requirements and methods of test
GOST R 12.4.026-2001	Occupational safety standards system. Safety colours, safety signs and signal marking. Purpose and rules of application. General technical



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