

Safety Procedures

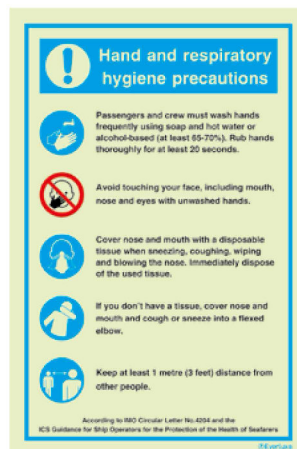
[mm]
150x200
200x300
300x400



SC 001



SC 002



SC 003



SC 004



SC 005



SC 006



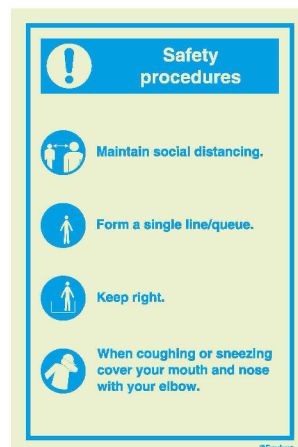
SC 007



SC 008



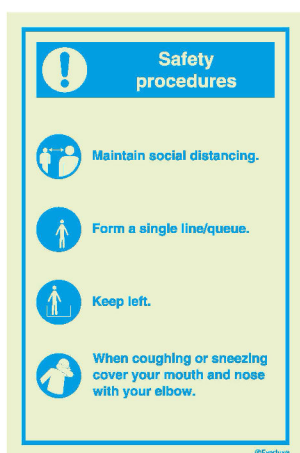
SC 009



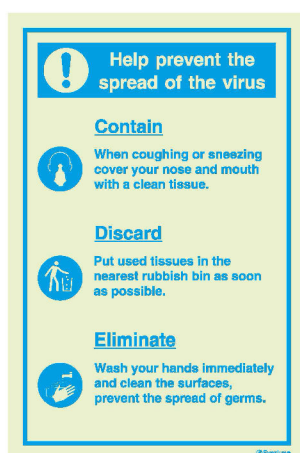
SC 010

Safety Procedures

(mm)
150x200
200x300
300x400



SC 011

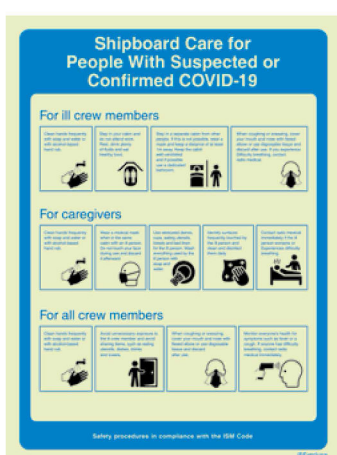


SC 012



SC 013

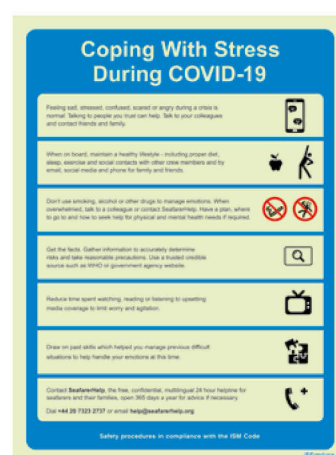
(mm)
300x400
400x600



SC 018



SC 019



SC 020



SC 021



SC 022

Emergency

(mm)
150x150
200x200
300x300
150x200(*)
200x300(*)
300x400(*)



SC 031



SC 032



(*) SC 041



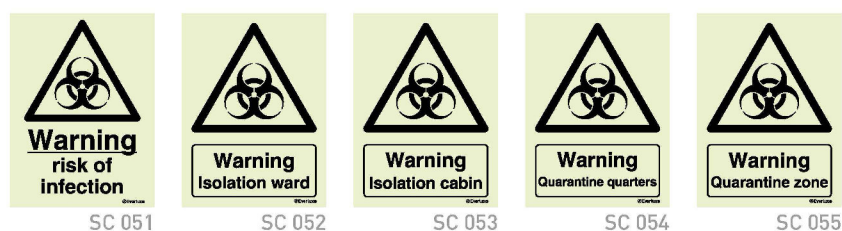
(*) SC 042

Mandatory



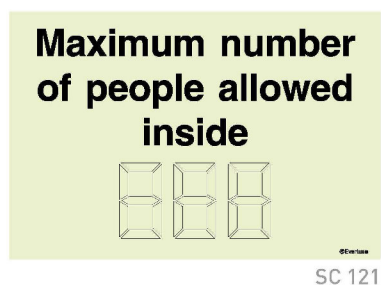
(mm)
150x200
200x300
300x400

Warning



(mm)
150x200
200x300
300x400

Service



(mm)
300x200
400x300
(*)300x100
(*)400x150
(*)600x200
(*)800x300

INFECTION PREVENTION AND CONTROL SAFETY SIGNS

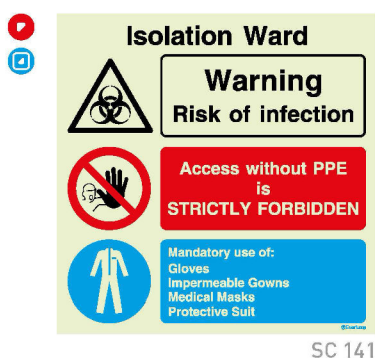
Prohibition

(mm)
150x200
200x300
300x400



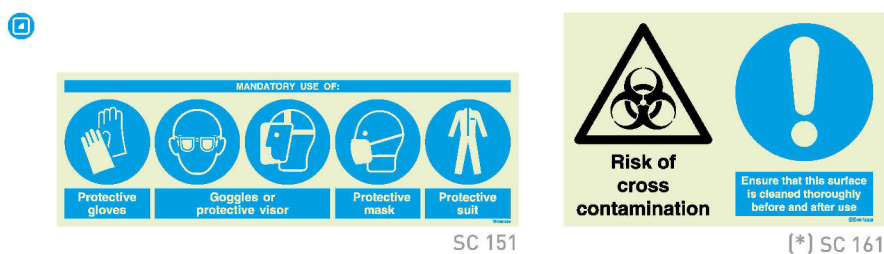
Composite

(mm)
300x300



SC 141

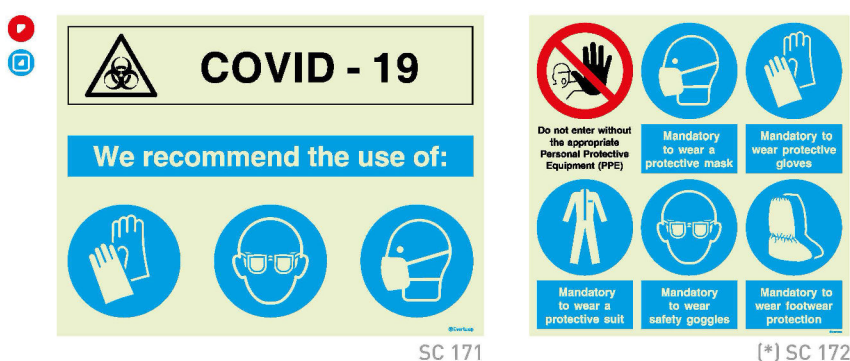
(mm)
600x200
900x300
300x200[*]
400x300[*]



SC 151

[*] SC 161

(mm)
400x300
600x400
800x600
600x600[*]
800x800[*]



SC 171

[*] SC 172

Self-adhesive Photoluminescent Vinyl Discs

(mm)
Diam. 80
Diam. 130[*]
[*] Supplied by the unit.



SC 181

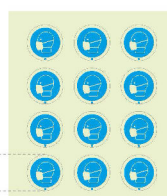
SC 182

SC 183

SC 184

SC 185

Self-adhesive discs supplied in sheet of 6 or 12 units.



Diam. 80mm

Service



SC 191



SC 192



(mm)
800x300

Safety Distance



SC 201



SC 202



SC 203



SC 204



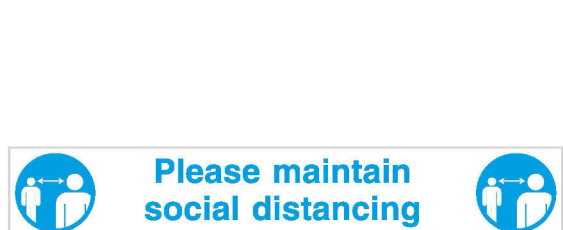
(mm)
200x200
400x400
600x600



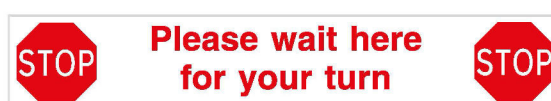
SC 211



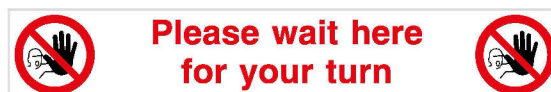
(mm)
900x200



SC 223



SC 221



SC 222



SC 225

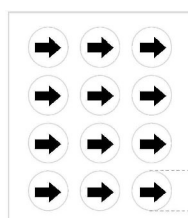


SC 224



(mm)
900x150

Self-adhesive Discs for Floor Application

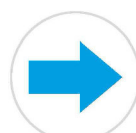


Self-adhesive discs
supplied in sheet of
6 or 12 units.

Diam. 80mm



SC 231



SC 232



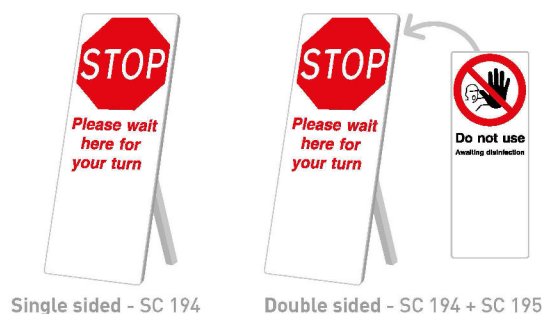
SC 233



(mm)
Diam. 80

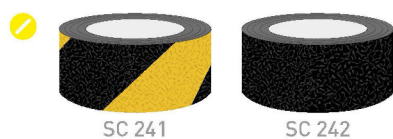
Portable Signs

(mm)
800x300



Non-slip Rolls for Floor Application

(mm)
18000x25
18000x50



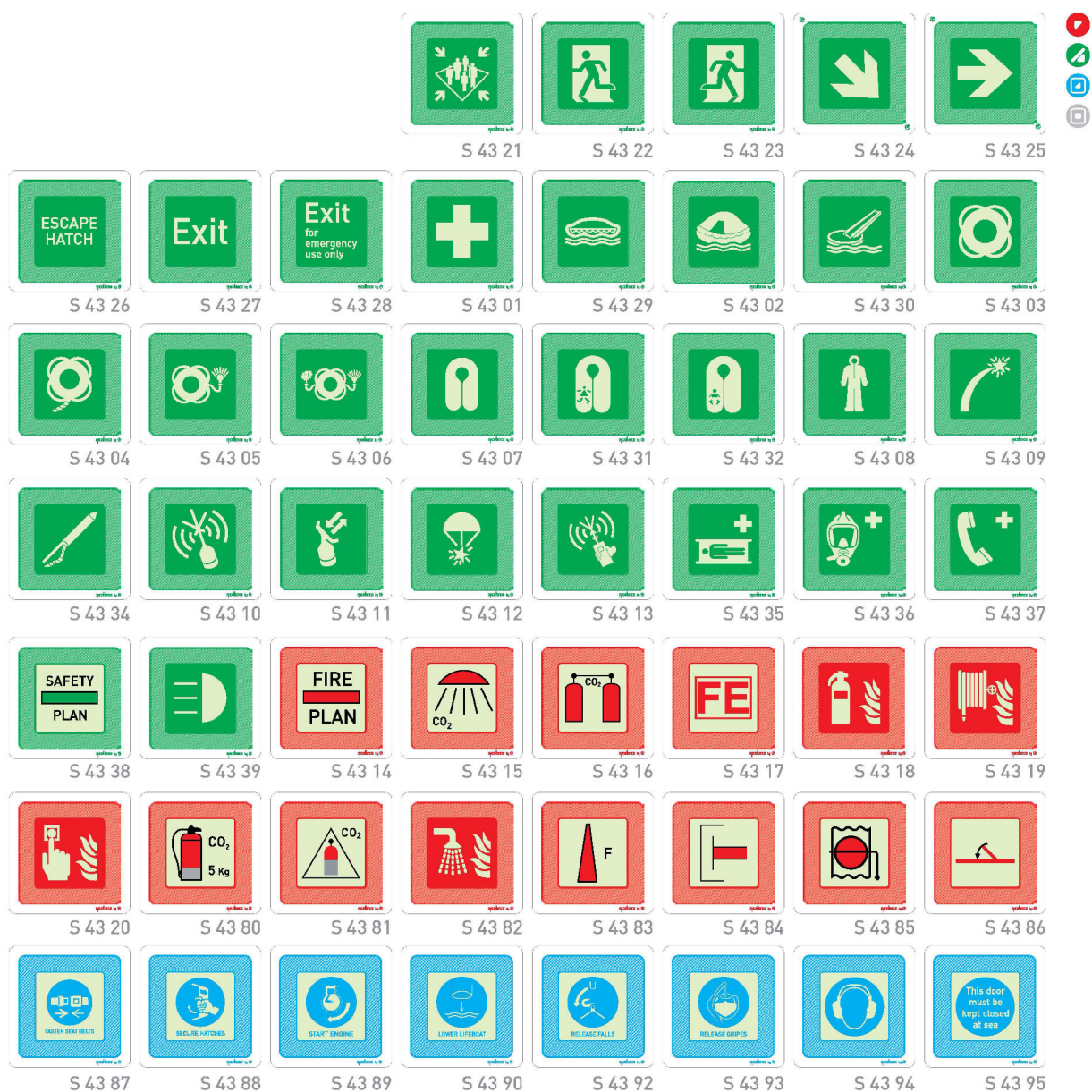
Marking Rolls for Floor Application

(mm)
33000x50



by Everlux®
excellence

Excellence by Everlux is a patented product.



(mm)
60x60

Coloured Photoluminescent Pigments



(mm)
160x60



S 48 01



S 48 02



S 48 03



S 48 04

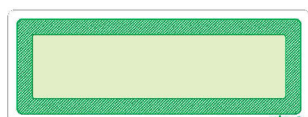


S 48 05

(mm)
60x60(*)
160x60



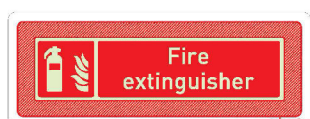
[*]S UB SG



S UB RG

This Excellence By Everlux Sign Matrix allows the incorporation of graphical and text content to comprise a specific safety sign.

(mm)
160x60



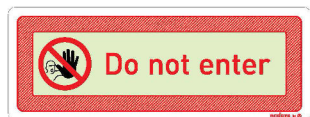
S 48 11



S 48 12



S 48 13



S 48 14

(mm)
60x60(*)
160x60



[*] S UB SR



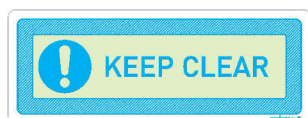
S UB RR

This Excellence By Everlux Sign Matrix allows the incorporation of graphical and text content to comprise a specific safety sign.

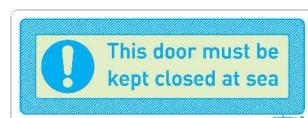
(mm)
160x60



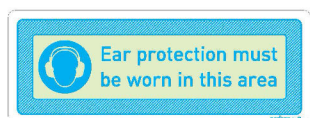
S 48 21



S 48 22



S 48 23

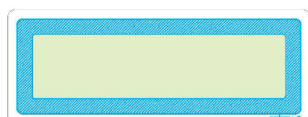


S 48 24

(mm)
60x60(*)
160x60



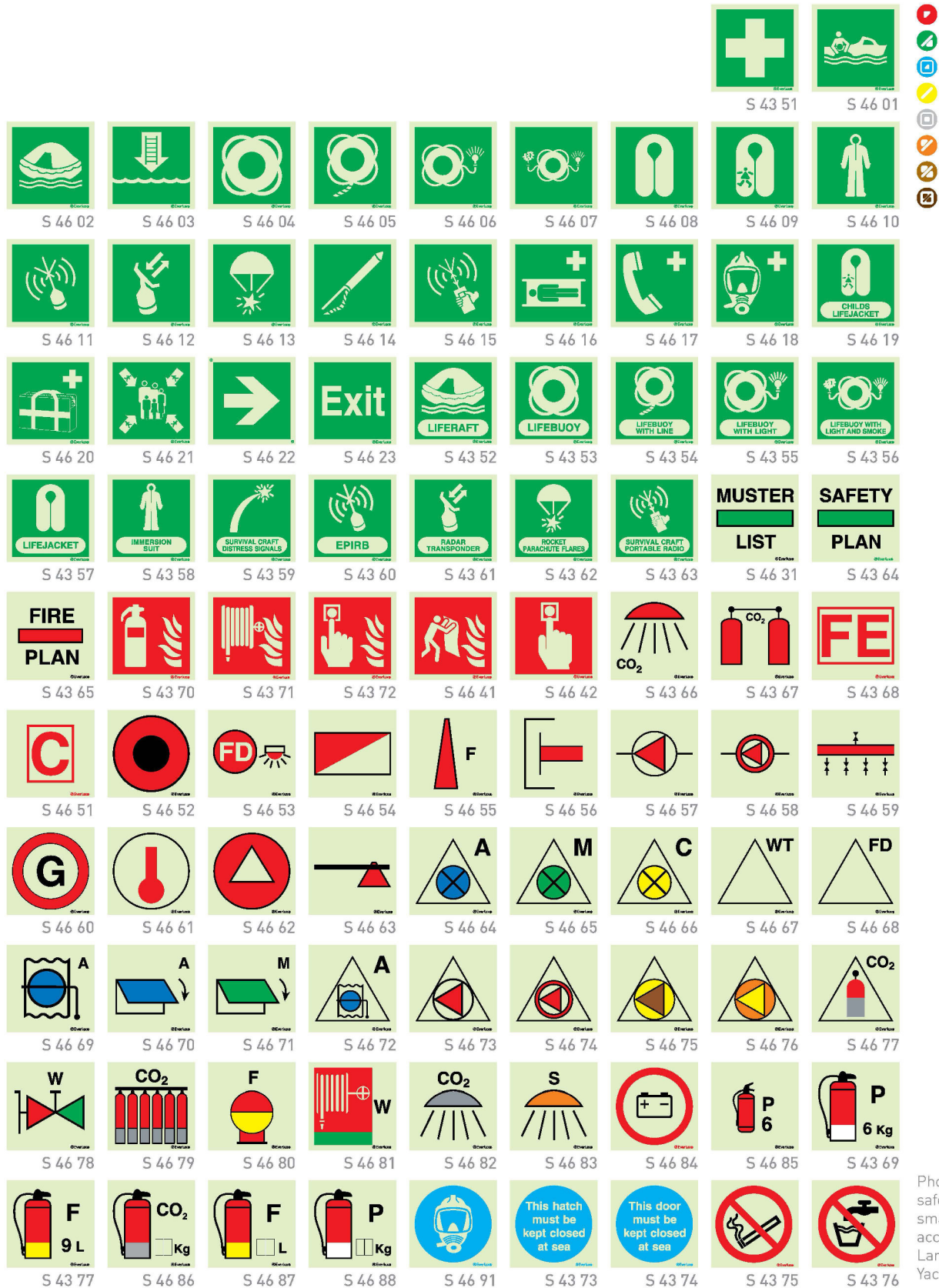
[*] S UB SB

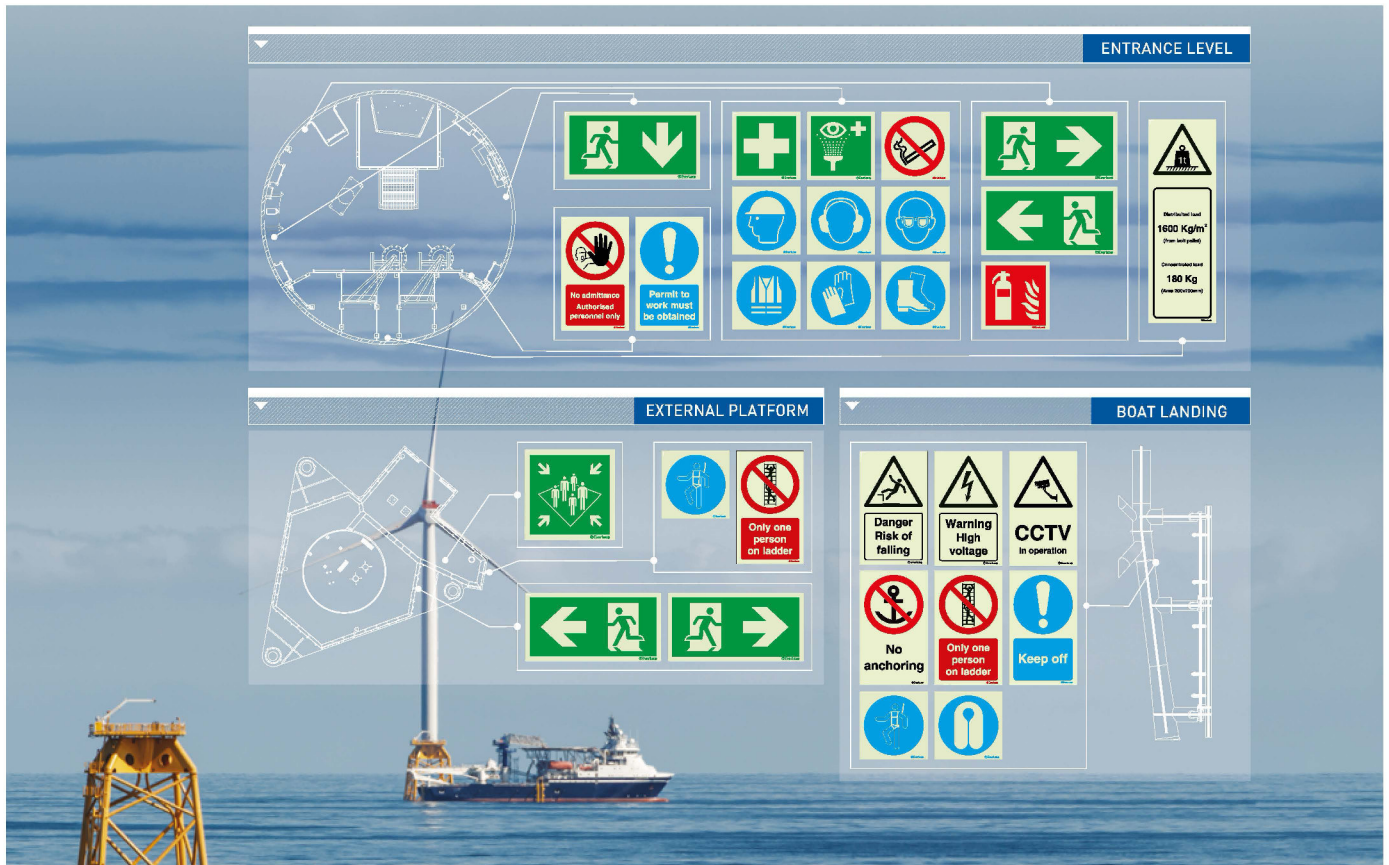


S UB RB

This Excellence By Everlux Sign Matrix allows the incorporation of graphical and text content to comprise a specific safety sign.

Life-Saving Appliances, Fire, Mandatory and Prohibition Signs





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.

Hazard Warning Signs

(mm)
Diam. 80

Self-adhesive signs
supplied in sheets of
12 units



S 44 01



S 44 02

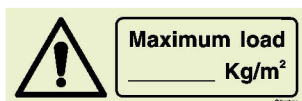


S 44 03



S 44 04

(mm)
300x100



S 44 11



S 44 12



S 44 13



S 44 14



S 44 15



S 44 16

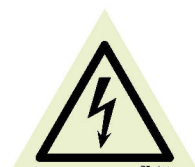


S 44 17

(mm)
base 150
base 200



S 49 00



S 44 32



S 44 33

Hazard Warning Signs



Warning
High
voltage

S 49 01



Fog horn,
beware of
sudden noise

S 49 02



Warning
Overhead
crane area

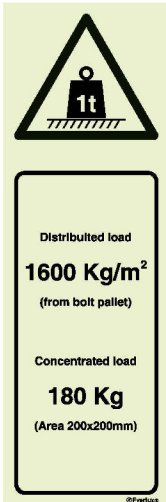
S 49 03



Danger
Risk of
falling

S 49 04

(mm)
150x250
200x300



Distributed load
1600 Kg/m²
(from bolt pallet)

Concentrated load
180 Kg
(Area 200x200mm)

S 49 11

(mm)
400x150



CCTV
In operation

S 49 15



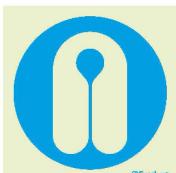
Danger
falling ice
from turbines

[*] S 44 36

(mm)
200x300
300x400

[*] Only available
in rigid plastic and
aluminium

Mandatory Signs



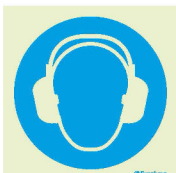
S 49 31



S 49 32



S 49 33



S 49 34



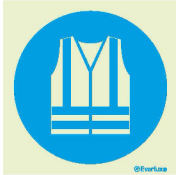
S 49 35



S 49 36



S 49 37

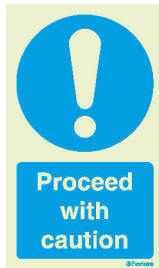


S 49 38

(mm)
100x100
150x150
200x200
300x300

Mandatory Signs

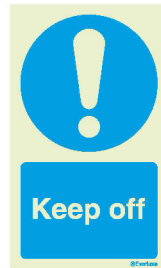
(mm)
150x250
200x300



S 49 21



S 49 22



S 49 23

Prohibition Signs

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



S 49 39

(mm)
Diam. 80

Self-adhesive sign
supplied in sheets
of 12 units



S 44 39

(mm)
300x100



S 44 40



S 44 41



S 44 42

(mm)
150x250
200x300



S 49 26



S 49 27



S 49 28



S 49 29

(mm)
200x200



S 44 49

Magnetic sign

(mm)
200x300
300x400



S 44 08

Anchor Point Identification Labels and Wear Harness Signs



S 44 10



(mm)
75 Outer
Diameter

30 Inner
Diameter

Self-adhesive signs
supplied in sheets of
3 or 9 units

Mandatory and Personal Protective Equipments Signs



S 44 52



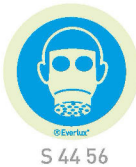
S 44 53



S 44 54



S 44 55



S 44 56

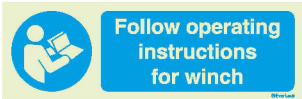


S 44 57



(mm)
Diam. 80

Self-adhesive signs
supplied in sheets of
12 units

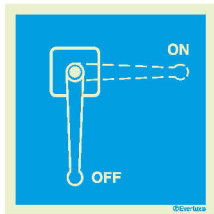


S 44 58



(mm)
300x100

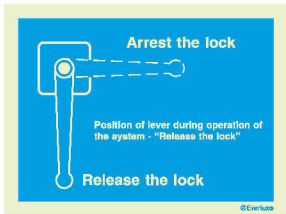
Signs for Manually Operated Devices



S 44 61



S 44 62



(*) S 44 63



(mm)
150x150
[*] 200x150

Position of lever during operation of
the system - "Release the lock"
[*] Only available in
this size

Emergency and Fire-fighting Equipment Signs



S 49 41



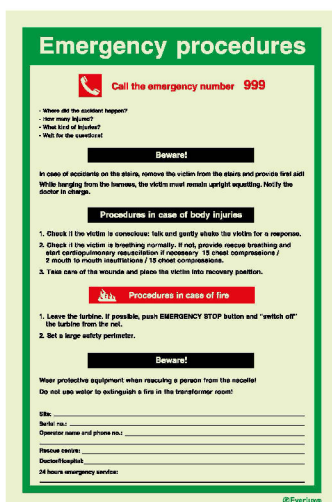
S 49 42



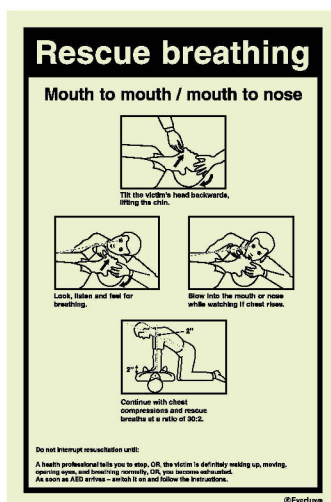
(mm)
150x150
200x200
300x300
400x400
600x600

Safety Procedures

(mm)
200x300

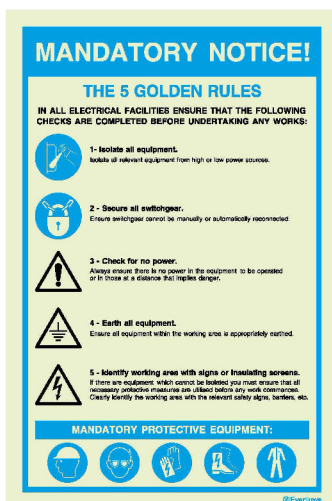


S 44 70

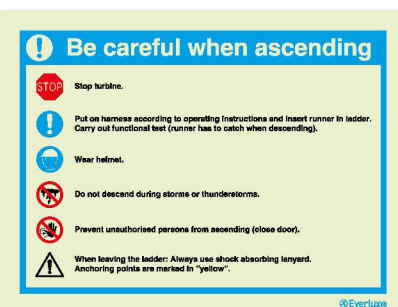


S 44 73

(mm)
200x150
200x300[*]



[*] S 44 76



S 44 77

[*] Only available
in this size

Offshore Wind - Safety Signs Bilingual Cross Reference Table

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.

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

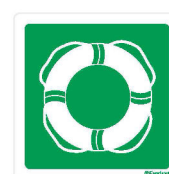
Safety Signs for Water Parks, Swimming Pools and Beaches



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.

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).

Water Life-saving Equipment

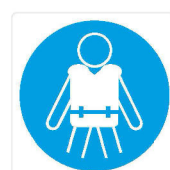


S 45 90

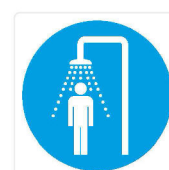


(mm)
200x200
300x300

Mandatory Signs



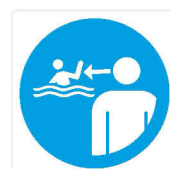
S 45 81



S 45 82



(mm)
200x200
300x300



S 45 83



S 45 84

Prohibition Signs



[mm]
200x200
300x300
400x400(*)

(*) Also available
in this size



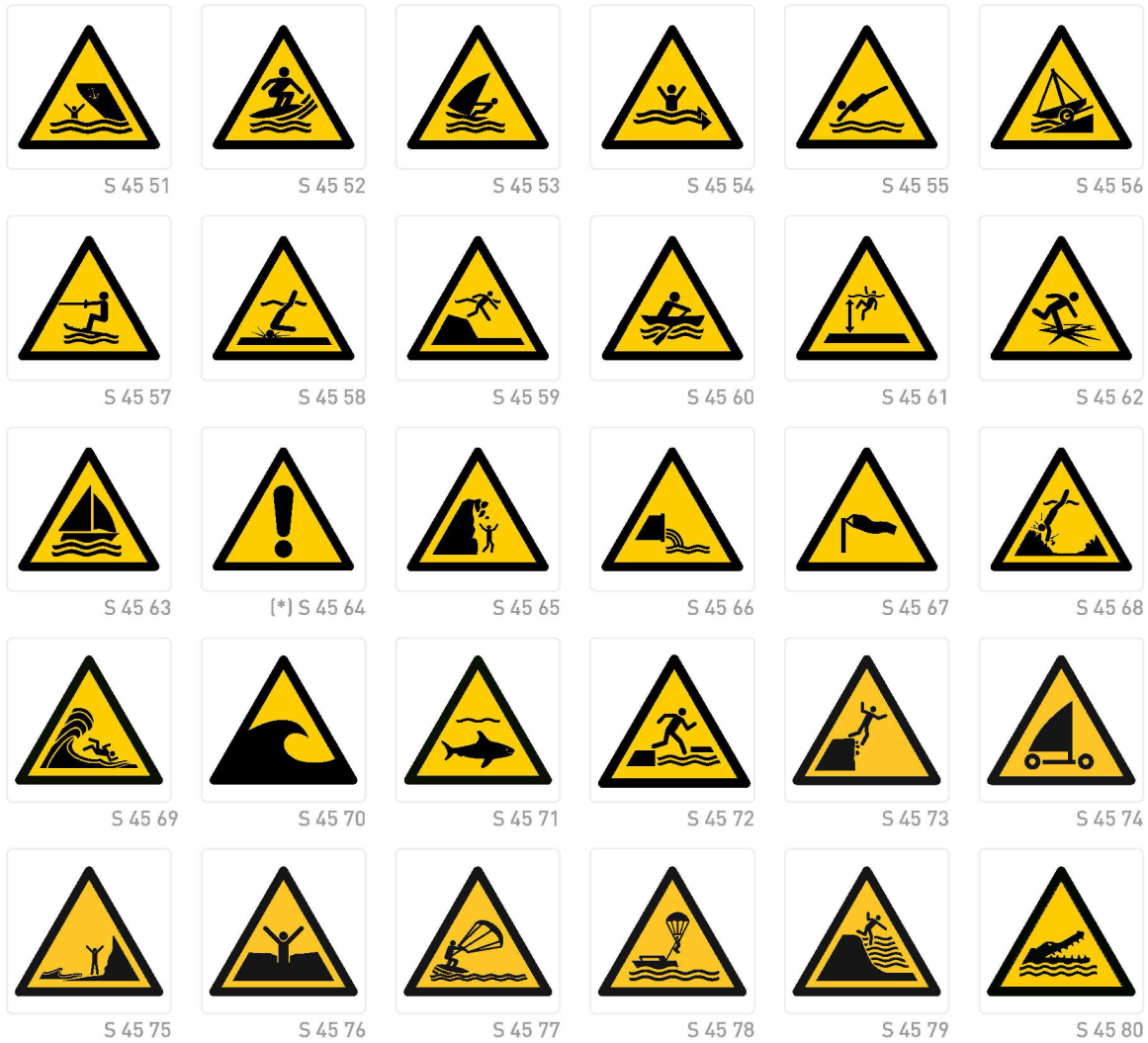
Information Signs

[mm]
200x200
300x300
400x400(*)

(*) Also available
in this size



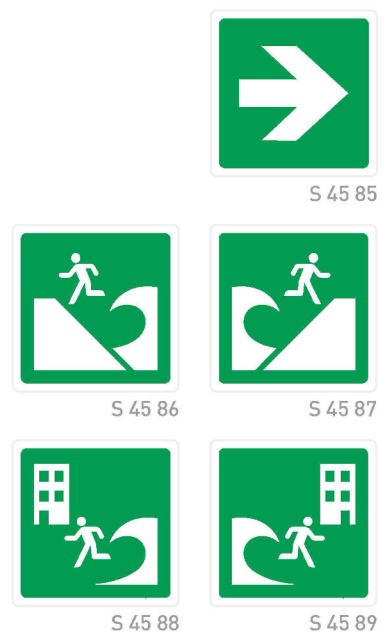
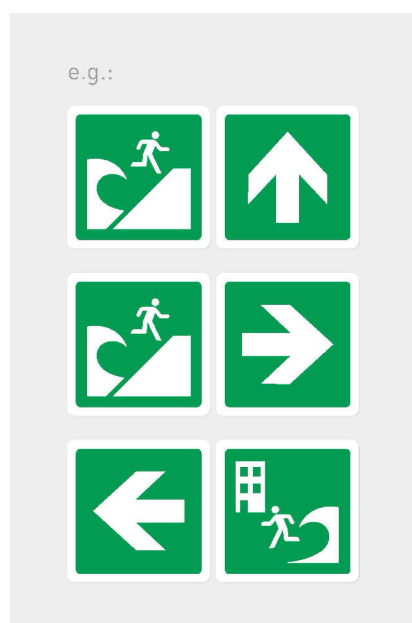
Warning Signs



 [mm]
(*) 200x200
300x300

(*) Also available
in this size

Tsunami Evacuation Area and Building



 [mm]
200x200
300x300

TEMPORARY TIE TAGS



Hazard Warning Tags

(mm)
75x150

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



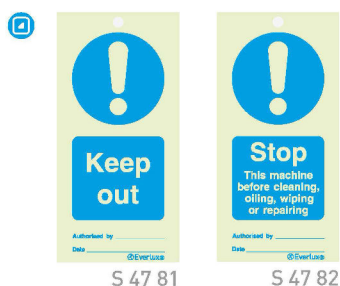
Prohibition Tags

(mm)
75x150

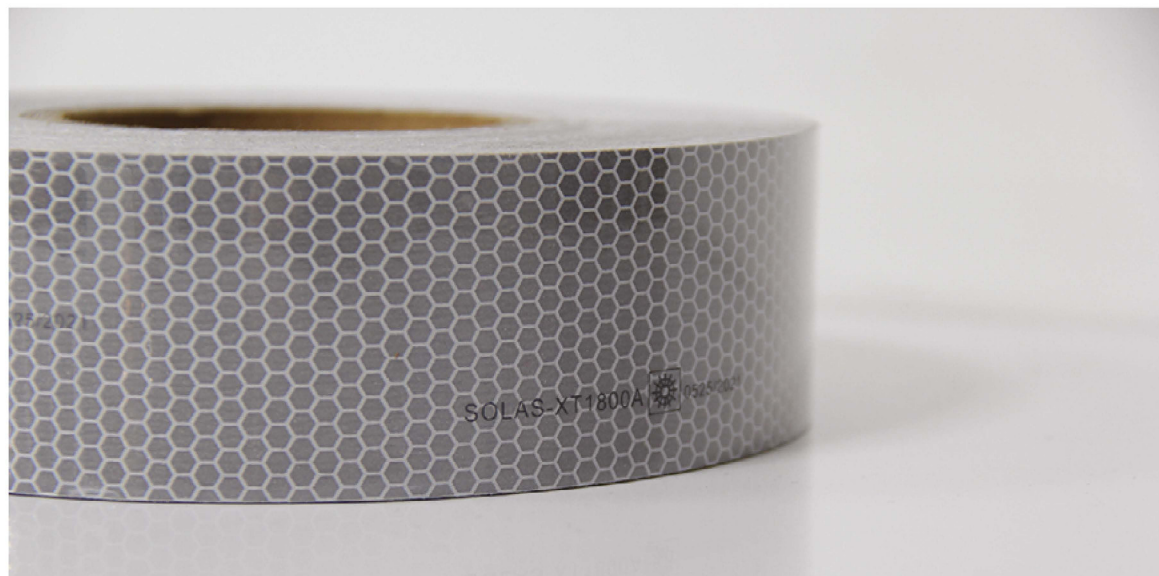


Mandatory Tags

(mm)
75x150



SOLAS Retroreflective Tape - TYPE II



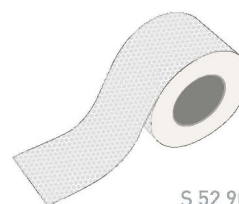
Retro-reflective material for application to the flexible or rigid surfaces of life-saving appliances such as lifeboats and rescue boats, liferafts, lifejackets, or immersion suits, to assist in their detection.

The SOLAS Retro-reflective tape is classified Type II - Highly weather-resistant material for continuous outdoor exposure.

The product is silver under daytime viewing conditions and reflect bright white in the night-time conditions when it is exposed to light, over a wide range of entrance angles.

Service Temperature: -30°C to +65°C

Thickness: 0.25 mm



S 52 90

length (m)	45.72
width (mm)	50



Pipe Identification Colour-coded Tape According to Iso 14726:2008 and Norsok L-004

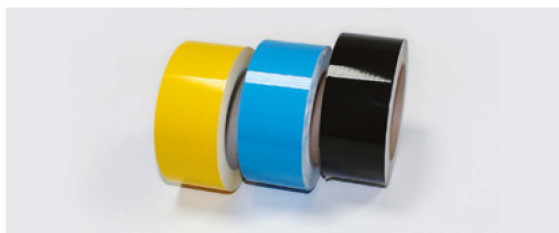


length (m)
25

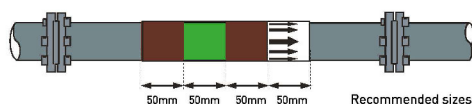
width (mm)
50



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.



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



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

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

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.

Pipe Identification Colour-coded Tape According to Iso 14726:2008 and Norsok L-004



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

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

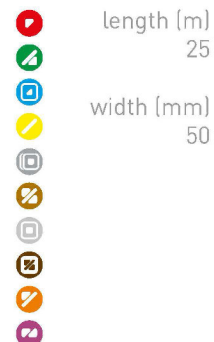
Flammable gases	Colours	Item codes
Hydrogen		S 50 12 - S 50 02 - S 50 12
Acetylene		S 50 12 - S 50 05 - S 50 12
Liquid gas		S 50 12 - S 50 10 - S 50 12

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

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

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

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

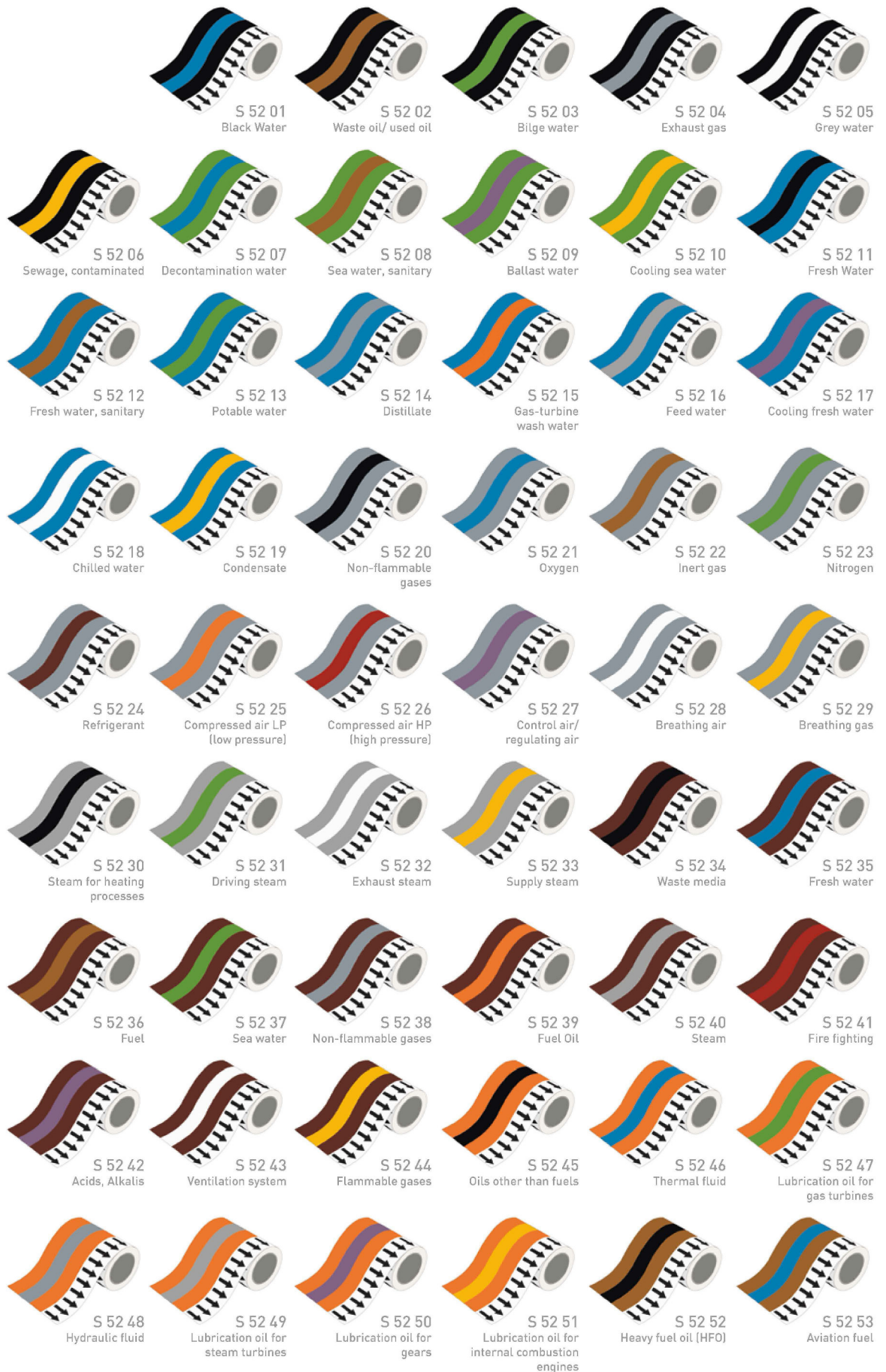


PIPE CONTENT IDENTIFICATION

Multiple Colour Rolls According to ISO 14726:2008 and Norsok L-004

length (m)
25

width (mm)
100



Multiple Colour Rolls According to ISO 14726:2008 and Norsok L-004

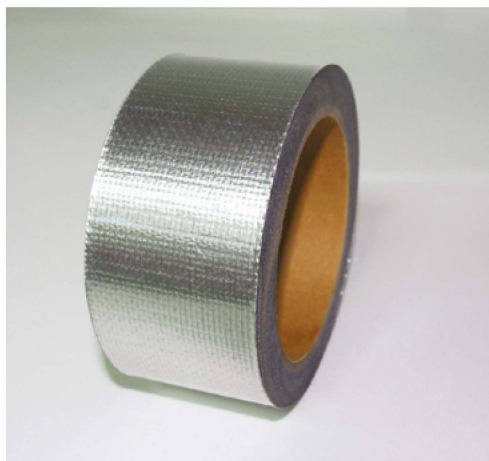


Anti-Splashing Tape

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.

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

◆ SIGNS ACCORDING TO THE IMDG CODE

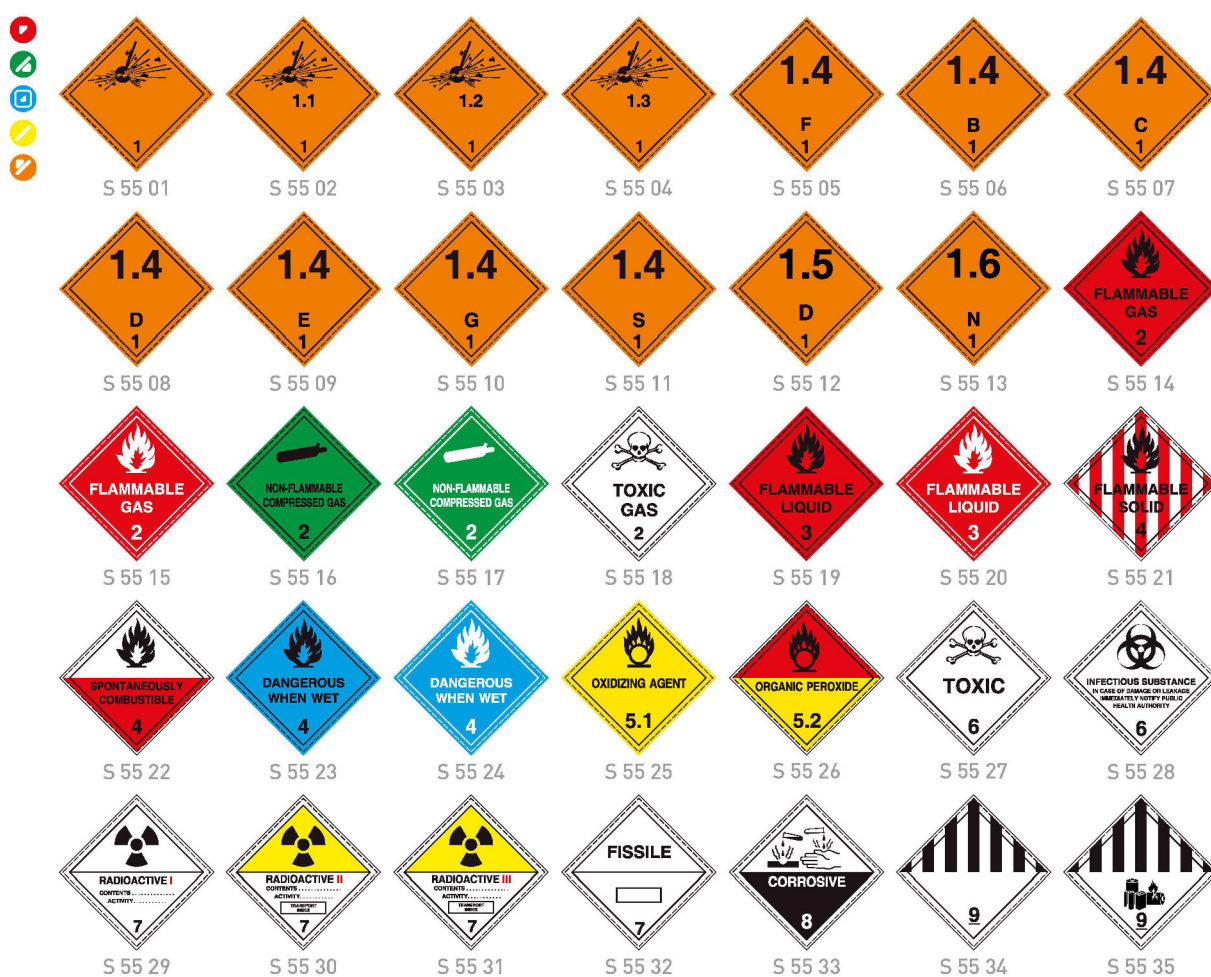
Signs According to the IMDG code Specifications



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].

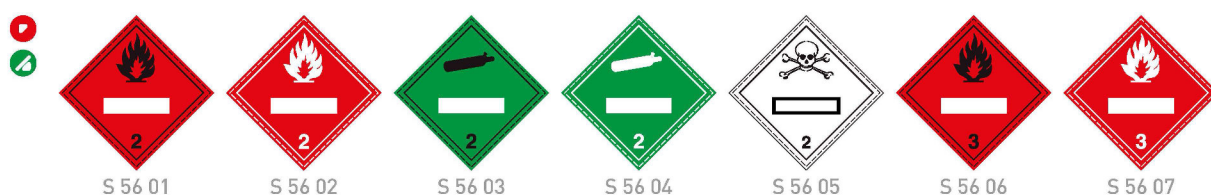
Hazard Warning Signs with Classification Numbers

(mm)
100x100
200x200
250x250
300x300
400x400



Hazard Warning Signs with UN Numbers

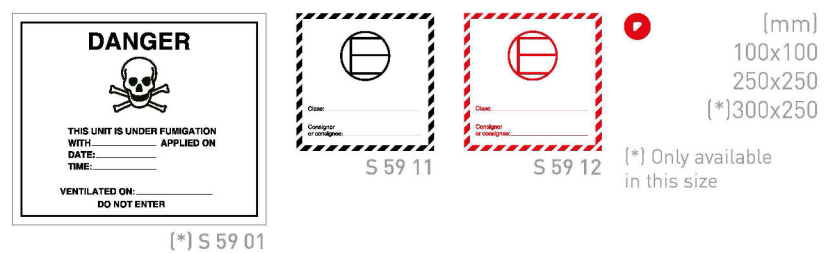
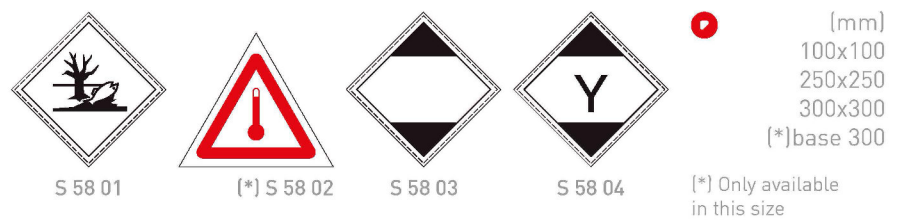
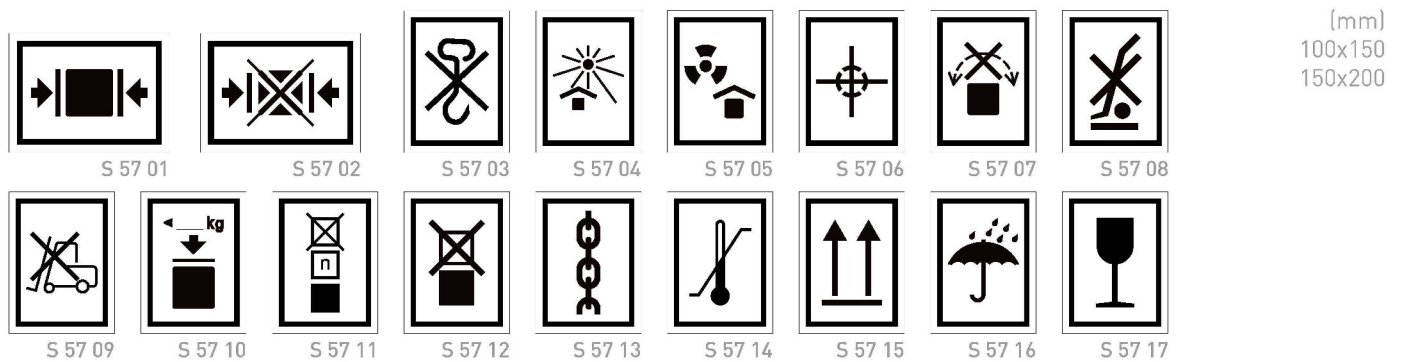
(mm)
100x100
200x200
250x250
300x300
400x400



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



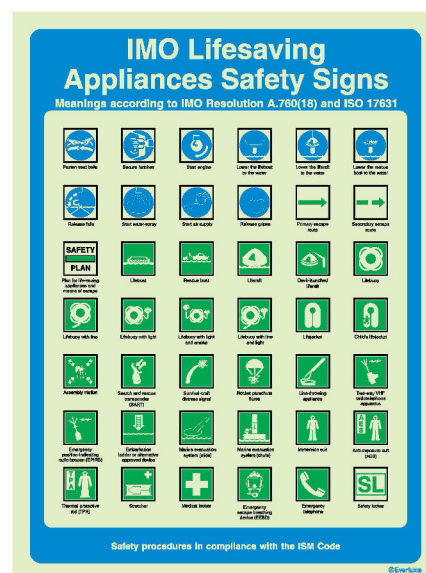
The IMO International Safety Management (ISM) Code was developed with the aim of implementing safety practices at sea which would lead to the prevention of human injury or loss of life as well as the prevention of damage to the environment and property.

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.

(mm)
300x400
400x600



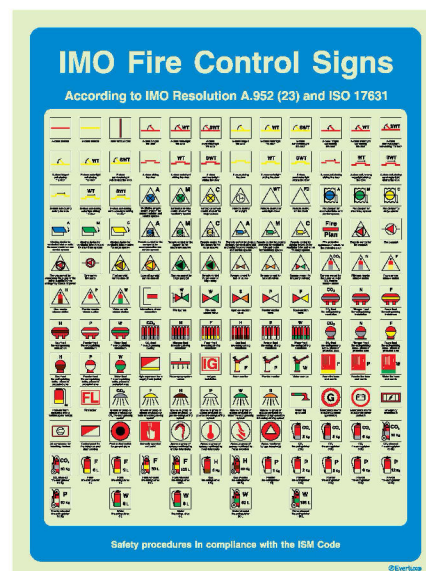
S 60 01



S 60 02



S 60 03



S 60 04

Info Panels with Sign Symbols and Meaning Descriptions

Pipe Identification

Identification colours for the content of piping systems in accordance with ISO 14726: 2008

The diagram lists various piping systems and their corresponding identification colors. It includes a color-coded legend and a table of piping systems with their respective colors.

Legend:

- Blue: Water
- Green: Gas
- Yellow: Air
- Orange: Oil
- Red: Fire
- Black: Steam
- White: Acid
- Light blue: Alkali
- Light green: Ammonia
- Light yellow: Argon
- Light orange: Benzene
- Light red: Butane
- Light black: Carbon dioxide
- Light white: Chlorine
- Light light blue: Hydrogen
- Light light green: Nitrogen
- Light light yellow: Oxygen
- Light light orange: Propane
- Light light red: Sulfur dioxide
- Light light black: Toluene
- Light light white: Vinyl chloride

Table of Piping Systems:

Piping System	Color
Water	Blue
Gas	Green
Air	Yellow
Oil	Orange
Fire	Red
Steam	Black
Acid	White
Alkali	Light blue
Ammonia	Light green
Argon	Light yellow
Benzene	Light orange
Butane	Light red
Carbon dioxide	Light black
Chlorine	Light white
Hydrogen	Light light blue
Nitrogen	Light light green
Oxygen	Light light yellow
Propane	Light light orange
Sulfur dioxide	Light light red
Toluene	Light light black
Vinyl chloride	Light light white

S 60 05

Hazardous Substance Pictograms

Globally Harmonized System of Classification and Labelling of Chemicals (GHS)
United Nations Globally Harmonized System symbols are in line with CLP Regulation

Symbol	Meaning	Precautions	Usage
	Explosive	Store in explosion-proof containers. Do not use in confined spaces. Do not use in the presence of fire or heat.	Flammable, corrosive, toxic
	Flammable	Do not use in the presence of fire or heat. Do not use in the presence of oxygen or oxidizing agents.	Flammable, corrosive, toxic
	Oxidizing	Do not use in the presence of fire or heat. Do not use in the presence of oxygen or oxidizing agents.	Flammable, corrosive, toxic
	Corrosive	Do not use in the presence of fire or heat. Do not use in the presence of oxygen or oxidizing agents.	Flammable, corrosive, toxic
	Acute toxicity	Do not use in the presence of fire or heat. Do not use in the presence of oxygen or oxidizing agents.	Flammable, corrosive, toxic
	Hazardous to the environment	Do not use in the presence of fire or heat. Do not use in the presence of oxygen or oxidizing agents.	Flammable, corrosive, toxic

Safety procedures in compliance with the ISM Code

S 60 09

Hazchem Sign Guide

Transportation

The diagram shows various Hazchem signs and their meanings. It includes a table of signs and their corresponding meanings.

Signs and Meanings:

- 3Y 1294:** Flammable gas, highly flammable
- 2W 1910:** Water-reactive
- 1830:** Corrosive
- 1230:** Hazardous to the environment

Emergency Action Code Interpretation:

Code	Meaning
1	Flammable
2	Corrosive
3	Water-reactive
4	Hazardous to the environment
5	Explosive
6	Acute toxicity
7	Chronic toxicity
8	Environmental
9	Other

(*) S 60 10

Hazard Signs For the Transport of Dangerous Goods by Sea

Sign meanings according to the IMDG Code

The diagram shows various hazard signs for the transport of dangerous goods by sea. It includes a table of signs and their corresponding meanings.

Signs and Meanings:

- Flammable gas:** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

Marking of Packages Containing Dangerous Goods:

- 1:** Flammable
- 2:** Corrosive
- 3:** Water-reactive
- 4:** Hazardous to the environment
- 5:** Explosive
- 6:** Acute toxicity
- 7:** Chronic toxicity
- 8:** Environmental
- 9:** Other

Safety procedures in compliance with the ISM Code

S 60 06

Know Your Signs

Meaning, colours and examples of graphics used for safety signs

The diagram shows various safety signs and their meanings. It includes a table of signs and their corresponding meanings.

Signs and Meanings:

- Safety signs, meaning:**
 - Blue: Mandatory
 - Yellow: Caution
 - Red: Prohibition
 - Green: Safety
- Fire signs, meaning:**
 - Red: Fire
 - Yellow: Caution
 - Blue: Mandatory
 - Green: Safety
- Hazard and warning signs, meaning:**
 - Yellow: Caution
 - Red: Prohibition
 - Blue: Mandatory
 - Green: Safety
- Prohibition signs, meaning:**
 - Red: Prohibition
 - Blue: Mandatory
 - Green: Safety
- Mandatory signs, meaning:**
 - Blue: Mandatory
 - Yellow: Caution
 - Red: Prohibition
 - Green: Safety

S 60 07

International Code of Signals Flag Signals

The diagram shows various flag signals and their meanings. It includes a table of flags and their corresponding meanings.

Flags and Meanings:

- A:** Blue
- B:** Yellow
- C:** Red
- D:** White
- E:** Green
- F:** Blue
- G:** Yellow
- H:** Red
- I:** White
- J:** Blue
- K:** Yellow
- L:** Red
- M:** White
- N:** Blue
- O:** Yellow
- P:** Red
- Q:** White
- R:** Blue
- S:** Yellow
- T:** Red
- U:** White
- V:** Blue
- W:** Yellow
- X:** Red
- Y:** White
- Z:** Blue

Substitute pennants:

- 1:** Flammable
- 2:** Corrosive
- 3:** Water-reactive
- 4:** Hazardous to the environment
- 5:** Explosive
- 6:** Acute toxicity
- 7:** Chronic toxicity
- 8:** Environmental
- 9:** Other

(*) S 60 08

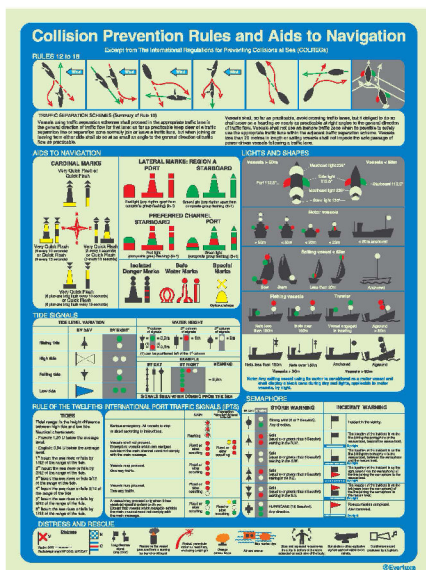
(mm)
(*) 200x300
300x400
400x600

(*) Only available in this size

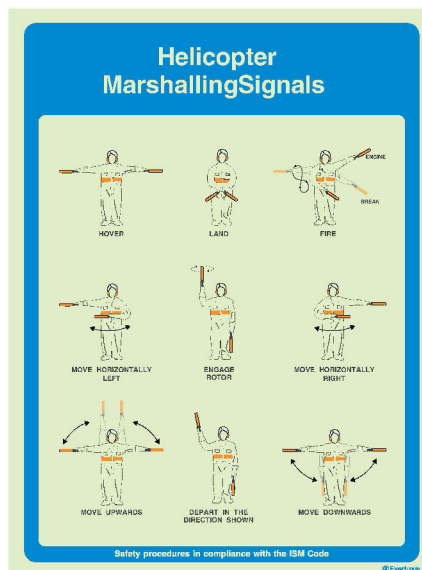
(*) This panel is only available in white rigid plastic and white self-adhesive vinyl.

Info Panels with Sign Symbols and Meaning Descriptions

(mm)
300x400
400x600



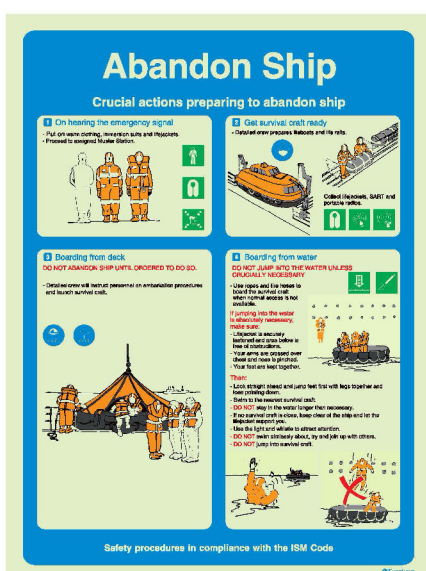
S 60 11



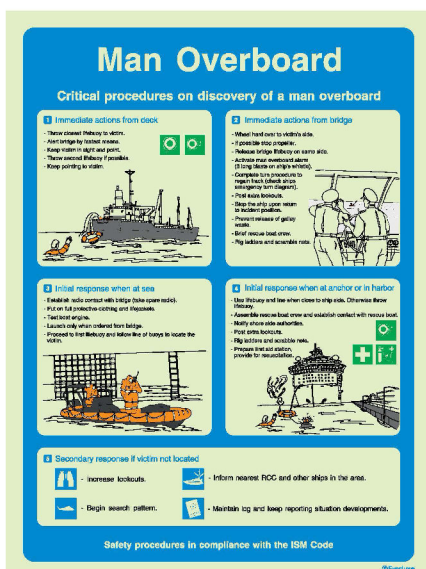
S 60 12

Evacuation and Life-Saving Safety Procedures

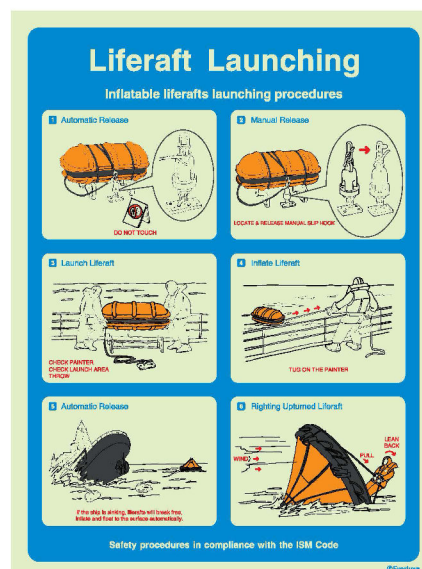
(mm)
300x400
400x600



S 60 51



S 60 52



S 60 53

Evacuation and Life-Saving Safety Procedures

Davit Launched Liferafts

Instructions for davit launching inflatable liferafts

1 Prepare the launch area

- Remove liferaft from its stowage position.
- Check that the liferaft is properly inflated and that the inflation valve is closed.
- Check that the liferaft is properly inflated and that the inflation valve is closed.
- Check that the liferaft is properly inflated and that the inflation valve is closed.

2 Prepare the davit

- Secure the davit to the ship's structure.
- Check that the davit is properly inflated and that the inflation valve is closed.
- Check that the davit is properly inflated and that the inflation valve is closed.
- Check that the davit is properly inflated and that the inflation valve is closed.

Safety procedures in compliance with the ISM Code

S 60 54

Davit Launched Liferaft Procedures

Preparing for launching

1 After manning removes all lines securing to ship

2 Start descent procedure

Safety procedures in compliance with the ISM Code

S 60 73

Inflatable Liferafts

Essential procedures after launching

1 Righting upturned life raft

2 Board quickly

Safety procedures in compliance with the ISM Code

S 60 55

Lifeboat Launching

Launching open/semi-enclosed lifeboats safety procedures. Make sure that painter line is fitted.

1 Initial preparations

2 Descend to deck level

Safety procedures in compliance with the ISM Code

S 60 56

Hoisting Hook Directions For Launching Procedures

1 Open allports in liferafts

2 Lift Brake lever

Safety procedures in compliance with the ISM Code

S 60 72

Fully Enclosed Lifeboat Launching From Stowed Position

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

1 Initial measures

2 Launch actions

Safety procedures in compliance with the ISM Code

S 60 57



S 60 58

S 60 74

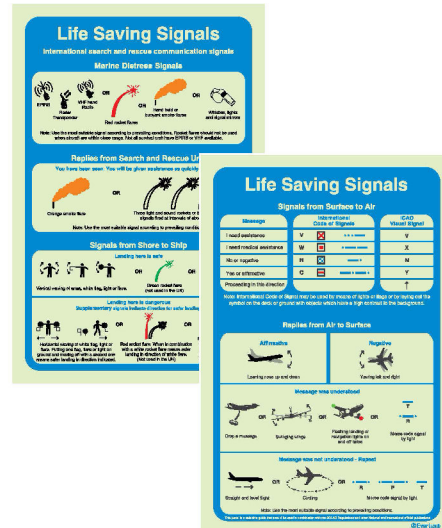
S 60 59

S 60 60

S 60 61

S 60 62

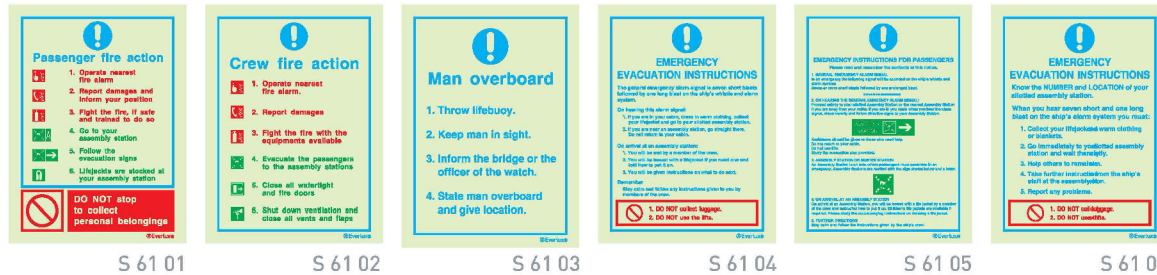
Evacuation and Life-Saving Safety Procedures



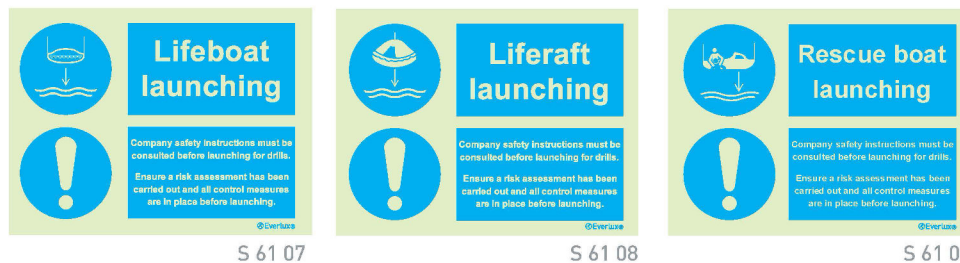
(mm)
150x200
200x300

Item S 60 71 is a
double sided panel

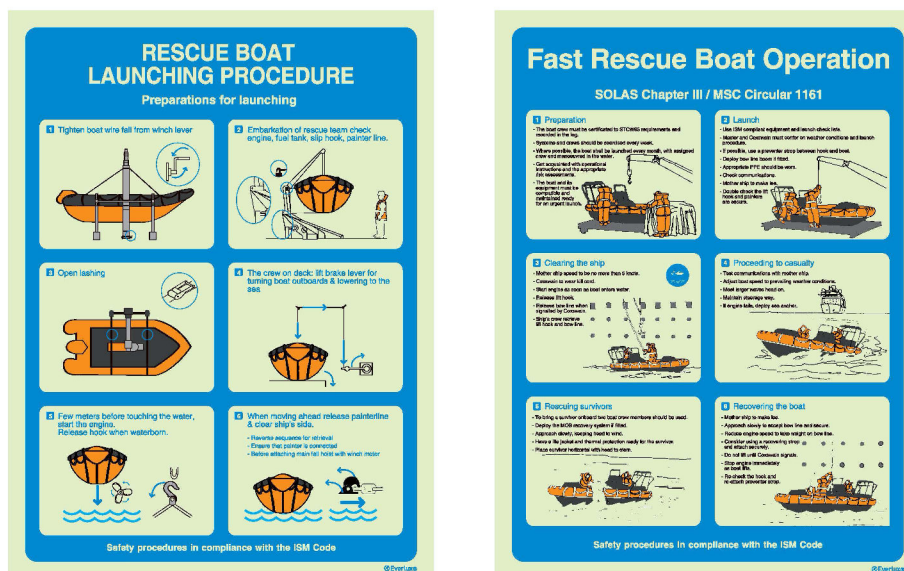
S 60 71



(mm)
150x200
200x300



(mm)
200x150
300x200



(mm)
300x400
400x600

S 61 20

S 61 21

Evacuation and Life-Saving Safety Procedures

(mm)
300x400
400x600



Dedicated Rescue Boat Operations SOLAS Chapter III

SOLAS Chapter III

- Preparation**
 - The head, engine and steering mechanism must be inspected, maintained and repaired according to the instructions in this manual.
 - Head and steering must be inspected and ready for immediate use.
 - Head and steering must be inspected and ready for immediate use.
 - Head and steering must be inspected and ready for immediate use.
 - Head and steering must be inspected and ready for immediate use.
- Launch**
 - Use the launch dolly to lift the launch from the storage area.
 - Use the launch dolly to lift the launch from the storage area.
 - Use the launch dolly to lift the launch from the storage area.
 - Use the launch dolly to lift the launch from the storage area.
 - Use the launch dolly to lift the launch from the storage area.
- Clearing the ship**
 - The speed of the launch must be controlled.
 - The speed of the launch must be controlled.
 - The speed of the launch must be controlled.
 - The speed of the launch must be controlled.
 - The speed of the launch must be controlled.
- Proceeding to casualty**
 - The launch must be used to transport the casualty.
 - The launch must be used to transport the casualty.
 - The launch must be used to transport the casualty.
 - The launch must be used to transport the casualty.
 - The launch must be used to transport the casualty.
- Rescuing Survivors**
 - The launch must be used to rescue survivors.
 - The launch must be used to rescue survivors.
 - The launch must be used to rescue survivors.
 - The launch must be used to rescue survivors.
 - The launch must be used to rescue survivors.
- Recovering the boat**
 - The launch must be used to recover the boat.
 - The launch must be used to recover the boat.
 - The launch must be used to recover the boat.
 - The launch must be used to recover the boat.
 - The launch must be used to recover the boat.

Safety procedures in compliance with the ISM Code

S 61 27

Lifejacket donning

Instructions on how to put on a lifejacket

- Place head through hole and arms through the side loops.**
- Pass the belt around the waist and connect the buckles by pulling the two parts firmly together. Pull the belt as tight as possible.**
- Fasten the top of the lifejacket with a firm knot in the pull strings.**
- Activate the lifejacket lamp.**

Safety procedures in compliance with the ISM Code

S 61 22

Immersion Suit Donning

Instructions on how to put on an immersion suit

- Open storage bag and remove the suit.**
- Step in the suit with legs first.**
- Pull the suit up and place left arm into sleeve of arm.**
- Pull the zipper slowly upwards and secure the flap over your face. Ensure that no clothes are in between the 2 sides of the zipper.**
- Put on lifejacket.**
- Enter the water with feet first and hold both arms up, covering your face.**

Safety procedures in compliance with the ISM Code

S 61 23

Immersion, Survival or Anti-exposure Suits

SOLAS 74 Chapter 102.7.2, 102.1 and MSC/Circ.1447

- Donning**
 - Remove suit from storage or packaging.
 - Take off shoes and remove any clothing which would damage the suit.
 - Remove shoes, but not clothing in the case of clothing which would damage the suit.
 - Remove shoes, but not clothing in the case of clothing which would damage the suit.
 - Remove shoes, but not clothing in the case of clothing which would damage the suit.
- Entering water**
 - Enter the water with feet first and hold both arms up, covering your face.
 - Enter the water with feet first and hold both arms up, covering your face.
 - Enter the water with feet first and hold both arms up, covering your face.
 - Enter the water with feet first and hold both arms up, covering your face.
 - Enter the water with feet first and hold both arms up, covering your face.
- Inspections and tests**
 - Check the condition of the suit before use.
 - Check the condition of the suit before use.
 - Check the condition of the suit before use.
 - Check the condition of the suit before use.
 - Check the condition of the suit before use.

Safety procedures in compliance with the ISM Code

S 61 28

Helicopter Procedures

Winching

Refer to the appropriate flag state and international guidelines publications such as the "Guide to Helicopter Ship Operations" by the ICS

- Preparation**
 - Check the helicopter landing area (HLA) for obstructions.
 - Check the helicopter landing area (HLA) for obstructions.
 - Check the helicopter landing area (HLA) for obstructions.
 - Check the helicopter landing area (HLA) for obstructions.
 - Check the helicopter landing area (HLA) for obstructions.
- Pre-arrival**
 - Check the helicopter landing area (HLA) for obstructions.
 - Check the helicopter landing area (HLA) for obstructions.
 - Check the helicopter landing area (HLA) for obstructions.
 - Check the helicopter landing area (HLA) for obstructions.
 - Check the helicopter landing area (HLA) for obstructions.
- Helicopter communication**
 - Establish communication with the helicopter.
 - Establish communication with the helicopter.
 - Establish communication with the helicopter.
 - Establish communication with the helicopter.
 - Establish communication with the helicopter.
- Helicopter approach**
 - Observe the helicopter's approach.
 - Observe the helicopter's approach.
 - Observe the helicopter's approach.
 - Observe the helicopter's approach.
 - Observe the helicopter's approach.
- Hi-Line Technique**
 - Use the Hi-Line technique for hoisting.
 - Use the Hi-Line technique for hoisting.
 - Use the Hi-Line technique for hoisting.
 - Use the Hi-Line technique for hoisting.
 - Use the Hi-Line technique for hoisting.
- Recovery**
 - Recover the helicopter.
 - Recover the helicopter.
 - Recover the helicopter.
 - Recover the helicopter.
 - Recover the helicopter.

Safety procedures in compliance with the ISM Code

S 61 24

Helicopter Operations

Landing

Refer to the appropriate flag state and international guidelines publications such as the "Guide to Helicopter Ship Operations" by the ICS

- Preparation**
 - Check the helicopter landing area (HLA) for obstructions.
 - Check the helicopter landing area (HLA) for obstructions.
 - Check the helicopter landing area (HLA) for obstructions.
 - Check the helicopter landing area (HLA) for obstructions.
 - Check the helicopter landing area (HLA) for obstructions.
- Pre-arrival**
 - Check the helicopter landing area (HLA) for obstructions.
 - Check the helicopter landing area (HLA) for obstructions.
 - Check the helicopter landing area (HLA) for obstructions.
 - Check the helicopter landing area (HLA) for obstructions.
 - Check the helicopter landing area (HLA) for obstructions.
- Helicopter communication**
 - Establish communication with the helicopter.
 - Establish communication with the helicopter.
 - Establish communication with the helicopter.
 - Establish communication with the helicopter.
 - Establish communication with the helicopter.
- Helicopter approach**
 - Observe the helicopter's approach.
 - Observe the helicopter's approach.
 - Observe the helicopter's approach.
 - Observe the helicopter's approach.
 - Observe the helicopter's approach.
- Landing**
 - Land the helicopter.
 - Land the helicopter.
 - Land the helicopter.
 - Land the helicopter.
 - Land the helicopter.
- Crew/equipment transfer**
 - Transfer crew/equipment.
 - Transfer crew/equipment.
 - Transfer crew/equipment.
 - Transfer crew/equipment.
 - Transfer crew/equipment.

Safety procedures in compliance with the ISM Code

S 61 29

Evacuation and Life-Saving Safety Procedures

Helicopter Rescue Sling

Safety Instructions

1 Rescue sling

Rescue slings are the most common items of helicopter rescue equipment. These can be lowered after sport of descent.



2 Working on the rescue sling



Preparation Working on Pulling on the rescue sling Working on the sling Getting into the rescue sling

3 Never untuck

Never untuck the rescue sling from the winch rope. This will cause injury.

- never untuck the sling
- never untuck before slack
- never untuck if rope goes taut
- always be kept free of steel cables

4 Other means of rescue

The layout of the rescue equipment shown may differ from country to country. The DOUBLE-LIFT METHOD can also be used with other means of rescue if the rescue team are aware of their limitations.

In these cases, a member of the rescue team goes to the rescue winch accordingly to the rescue situation.



Rescue winch Rescue winch Rescue winch Double-Lift Method

Safety procedures in compliance with the ISM Code

@EuroFus

S 61 25

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S 61 26

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400x600



Navigation and Harbour Approach Safety Procedures

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600x400

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S 62 02

Accommodation Ladders

Safe rigging and use of accommodation ladders

General safety

- Make sure all ladders are always treated with the following instructions:
 - **MANUFACTURER'S**
 - **MODEL NO. :**
 - **ANGLE OF INCLINATION TO LEVEL :**
 - **WGT.**
 - **MAX. NO. OF PERSONS :**
- Make sure the manufacturer's load limits and safety rules are available on board and that every person using the ladder is familiar with them.
- Ladders must be provided and stored in a minimum height of 2.5 metres.
- All equipment must be maintained, tested and reported to authorities with the manufacturer's instructions for a competent person in an appropriate manner.
- Climb or descend in one direction; must not be connected by the parties.
- Climb and/or descend in one direction; therefore must not return.
- Do not use ladders as steps, ladders or other decision must be made about the situation. Personnel report or maintenance must be undertaken if the ladder appears to be damaged.

Get survival craft ready

- Ladders must have safety tie downings built for strength, load, stability and safety.
- Ladders must be checked by a competent person after rigging.
- Proper support structure for adjustments must be taken in mind of maximum load.
- Check and ensure that the ladder must be at all times with appropriate tie down.
- Make sure ladders are not to extend beyond, no greater than 50% from the hullside, unless designed for a longer length.
- Ladders must be secured to the hull by a competent person.
- A fitting with light and sound with a remote alarm must be provided for use at the point of access above the vessel.
- In the event of the ladder being used to bring people from the sea ashore, a suitable means of hoisting should be used.

Diagram illustrating the correct use of an accommodation ladder, showing a person climbing and the ladder secured to the hull with safety tie-downs. A red box highlights the ladder's attachment point to the hull.

Access

- The ladder and arrangement must be designed to a minimum of 20 kN, measured at a height of 1 metre above the entrance. Further advice on points. Distribution should be assessed by a competent person.
- Agreement must be kept free of obstruction, e.g. any ladders and equipment used. Where this is not possible, appropriate equipment must be in place. When conditions change, access must be reassessed and if there is:
- Changes affecting the safety of access, including things provided in three situations, must be immediately checked and made safe.
- If the ladder is not safe to use, it must be removed or replaced at the point of access.

Diagram illustrating the correct use of an accommodation ladder, showing a person climbing and the ladder secured to the hull with safety tie-downs. A red box highlights the ladder's attachment point to the hull.

Safe practice in compliance with the ISM Code

S 62 03

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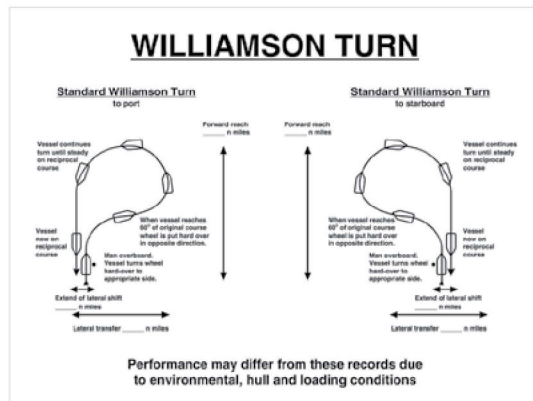




Item S 62 52 is a
double sided panel



Navigation and Harbour Approach Safety Procedures



S 62 53

[illegible]

S 62 54

(mm)
400x300

Health and Safety Operational Procedures

Helideck access



No one allowed on the helicopter platform during helicopter landings and take offs



Do not approach the helicopter while the red anti-collision lights are flashing



Do not pass behind the helicopter beware of the tail rotor

Helicopter approach



This illustration is for a general use.
For further information, please read the manual device or follow the pilot instructions.

©Everluxx

S 62 60

(mm)
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\$ 63 00

(mm)
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400x600

Health and Safety Operational Procedures

(mm)
300x400
400x600



Oil Spill Prevention

Procedures to reduce the likelihood of oil spills

Warning: Strict regulations by the International Convention for the Prevention of Pollution from Ships (MARPOL, 1973) to achieve the complete elimination of intentional pollution in the marine environment by oil and other harmful substances are now in force. Following the regulations and observing the common sense and working practices listed here, will reduce damage to the environment. NEUTRALISATION HEAVY FINES AND CIVIL PENALTIES CAN BE IMPOSED IF THE REGULATIONS ARE VIOLATED.

- 1. Know your ship**
 - Where are the overflow and monitoring points?
 - Make sure they are clearly marked.
 - Remember that painting and repainting is prohibited on the ship's hull.
 - Remember that on a ship, the hull is not a container for oil.
 - Remember that on a ship, the hull is not a container for oil.
- 2. Use serviceable equipment**
 - Do not use damaged equipment.
 - Check and repair hoses.
 - Check and repair hoses.
 - Check and repair hoses.
- 3. Control pumping rate**
 - Check that the rate of pumping is correct.
 - Check that the rate of pumping is correct.
 - Check that the rate of pumping is correct.
- 4. Communications and identification**
 - Agree clear signals with the shore.
 - Agree clear signals with the shore.
 - Agree clear signals with the shore.
- 5. Use drip trays**
 - When hose connections are being made or broken, drip trays should be used.
 - When hose connections are being made or broken, drip trays should be used.
 - When hose connections are being made or broken, drip trays should be used.

Safety procedures in compliance with the ISM Code

S 63 01

Post Oil Spill Management

Recommended measures to minimise the effect of an oil spill

Warning: Strict regulations by the International Convention for the Prevention of Pollution from Ships (MARPOL, 1973) to achieve the complete elimination of intentional pollution in the marine environment by oil and other harmful substances are now in force. Following the regulations and observing the common sense and working practices listed here, will reduce damage to the environment. NEUTRALISATION HEAVY FINES AND CIVIL PENALTIES CAN BE IMPOSED IF THE REGULATIONS ARE VIOLATED.

- 1. When discovering a shipboard spill**
 - Stop pumping.
 - Check that the rate of pumping is correct.
 - Check that the rate of pumping is correct.
- 2. Check containment**
 - Check that the rate of pumping is correct.
 - Check that the rate of pumping is correct.
 - Check that the rate of pumping is correct.
- 3. When discovering an external spill**
 - Stop pumping.
 - Check that the rate of pumping is correct.
 - Check that the rate of pumping is correct.
- 4. Ship actions for external spill**
 - Check that the rate of pumping is correct.
 - Check that the rate of pumping is correct.
 - Check that the rate of pumping is correct.

Safety procedures in compliance with the ISM Code

S 63 02

Hot Works

Recommended safety preparations for hot work

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

- 1. Plan the work**
 - Consider the rate of work in the working conditions.
 - Consider the rate of work in the working conditions.
 - Consider the rate of work in the working conditions.
- 2. Minimise the risks**
 - Consider the rate of work in the working conditions.
 - Consider the rate of work in the working conditions.
 - Consider the rate of work in the working conditions.
- 3. Prepare work area**
 - Clear work area of all debris.
 - Clear work area of all debris.
 - Clear work area of all debris.
- 4. Safety during and after work**
 - For work areas with flammable materials, clear work area of all debris.
 - For work areas with flammable materials, clear work area of all debris.
 - For work areas with flammable materials, clear work area of all debris.

Safety procedures in compliance with the ISM Code

S 63 03

Welding & Flamecutting

Safety procedures during welding operations

- 1. General**
 - Welding is a hot work operation.
 - Welding is a hot work operation.
 - Welding is a hot work operation.
- 2. Protective clothing**
 - Welding is a hot work operation.
 - Welding is a hot work operation.
 - Welding is a hot work operation.
- 3. Precautions against fire & explosions**
 - Welding is a hot work operation.
 - Welding is a hot work operation.
 - Welding is a hot work operation.
- 4. Precautions during gas welding & cutting**
 - Welding is a hot work operation.
 - Welding is a hot work operation.
 - Welding is a hot work operation.

Safety procedures in compliance with the ISM Code

S 63 04

Personal Protective Equipment

Choosing the correct personal safety equipment

- 1. Head protection**
 - Welding is a hot work operation.
 - Welding is a hot work operation.
 - Welding is a hot work operation.
- 2. Eye protection**
 - Welding is a hot work operation.
 - Welding is a hot work operation.
 - Welding is a hot work operation.
- 3. Ear protection**
 - Welding is a hot work operation.
 - Welding is a hot work operation.
 - Welding is a hot work operation.
- 4. Hand protection**
 - Welding is a hot work operation.
 - Welding is a hot work operation.
 - Welding is a hot work operation.
- 5. Foot protection**
 - Welding is a hot work operation.
 - Welding is a hot work operation.
 - Welding is a hot work operation.
- 6. Skin protection**
 - Welding is a hot work operation.
 - Welding is a hot work operation.
 - Welding is a hot work operation.

Safety procedures in compliance with the ISM Code

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 labelled and stored elsewhere. Confirm that all certificates are valid. Read and learn the manufacturer's instructions.

- 1. Check weekly and before using**
 - Check the air supply.
 - Check the air supply.
 - Check the air supply.
- 2. Donning the breathing apparatus**
 - Check the air supply.
 - Check the air supply.
 - Check the air supply.
- 3. Regulating and verifying the functions**
 - Check the air supply.
 - Check the air supply.
 - Check the air supply.
- 4. Getting ready to enter compartment**
 - Check the air supply.
 - Check the air supply.
 - Check the air supply.
- 5. In-belt operation**
 - Check the air supply.
 - Check the air supply.
 - Check the air supply.
- 6. After operational use**
 - Check the air supply.
 - Check the air supply.
 - Check the air supply.

Safety procedures in compliance with the ISM Code

S 63 06

S 63 07

\$ 63 08

S 63 09

S 63 10

S 63 11

S 63 12

Health and Safety Operational Procedures

(mm)
300x400
400x600



Bunkering

Safety procedures

Actions:

- Establish communication between ship and bunkering vessel.
- Prepare the lighting equipment.
- Secure any non-essential equipment.
- Assign roles.
- Post 'No smoking' and 'No mobile phone' signs.
- All crew to be present when on or off the bunker, including the vessel and the receiving ship.

Check:

- Visual and verbal communication.
- Secure the vessel and the receiving ship.
- Emergency shut down procedure is discussed and agreed.
- Threats, risks and all other elements are discussed and agreed.
- Assign a person to monitor the vessel and the receiving ship.
- All crew to be present when on or off the bunker, including the vessel and the receiving ship.
- Post 'No smoking' and 'No mobile phone' signs.

Procedures during bunkering

Check:

- Check the pressure and temperature.
- Check the flow rate and the level of the bunker.
- Check the level of the bunker.
- Check the level of the bunker.

Procedures after bunkering

Check:

- Check the pressure and temperature.
- Check the flow rate and the level of the bunker.
- Check the level of the bunker.
- Check the level of the bunker.

Safety procedures in compliance with the ISM Code

S 63 13

Fire & Explosion

Crucial procedures

1 Sound the alarm

- Sound the alarm.
- Sound the alarm.
- Sound the alarm.

2 Immediate response

- Clear to emergency stations. Passengers should be evacuated to assembly stations or to other safe areas.
- Emergency teams start to respond.
- Establish communication between the vessel and the receiving ship.

3 Limit the damage

- Close all watertight doors.
- Close all ventilation systems.
- Remove all flammable materials.
- Remove all flammable materials.

4 Evaluate the situation

- Assess the damage.
- Assess the damage.
- Assess the damage.

5 Further actions in port

- Post the situation.
- Post the situation.
- Post the situation.

Safety procedures in compliance with the ISM Code

S 63 14

Gas Bottle Safety

Safe handling, storage and working practices

Common gases used on vessels:

- Welding gases: oxygen, acetylene, argon, nitrogen, carbon dioxide, helium, etc.
- Medical gases: oxygen, nitrous oxide, carbon dioxide, etc.
- Refrigeration gases: ammonia, freon, etc.

Handling safety procedures:

- Always use the correct lifting technique.
- Always use the correct lifting technique.
- Always use the correct lifting technique.

Storage safety procedures:

- Always use the correct storage location.
- Always use the correct storage location.
- Always use the correct storage location.

Safety procedures in compliance with the ISM Code

S 63 15

Drowning and Hypothermia

Actions to undertake when discovering a drowning or hypothermic casualty

Drowning:

- Check the casualty.
- Check the casualty.
- Check the casualty.

Hypothermia:

- Check the casualty.
- Check the casualty.
- Check the casualty.

Safety procedures in compliance with the ISM Code

S 63 16

Electric Shock & Serious Injury

During the first few minutes after a non-physician cardiac arrest the blood oxygen level remains high. Ventilation is, therefore, initially less important than chest compressions

Electric shock:

- Check the casualty.
- Check the casualty.
- Check the casualty.

Serious injury:

- Check the casualty.
- Check the casualty.
- Check the casualty.

Basic Life Support (BLS) (CoSTR 2015)

Shout for help: remove from danger if safe to do so

Check response:

- Check the casualty.
- Check the casualty.
- Check the casualty.

Check breathing:

- Check the casualty.
- Check the casualty.
- Check the casualty.

Check pulse:

- Check the casualty.
- Check the casualty.
- Check the casualty.

Safety procedures in compliance with the ISM Code

S 63 17

Electric Shock, Drowning or Serious Injury

Actions to take when discovering an electric shock, drowning or serious injury casualty

Electric shock:

- Check the casualty.
- Check the casualty.
- Check the casualty.

Drowning:

- Check the casualty.
- Check the casualty.
- Check the casualty.

Serious injury:

- Check the casualty.
- Check the casualty.
- Check the casualty.

The ABC of resuscitation Airway-Breathing-Circulation

Airway:

- Check the casualty.
- Check the casualty.
- Check the casualty.

Breathing:

- Check the casualty.
- Check the casualty.
- Check the casualty.

Circulation:

- Check the casualty.
- Check the casualty.
- Check the casualty.

Safety procedures in compliance with the ISM Code

S 63 18

Use the correct colour cutting board and knife to prevent bacteria cross contamination

Raw meat		
Cooked meat		
Raw fish		
Salad & fruit		
Vegetables		
Bakery & dairy		

(*) S 63 30

Shipboard Food Hygiene

Health and safety recommended procedures in pantries, galleys and freezers

1 Health and Hygiene

On board ships, food must be kept clean at all times. Use hot water and soap to wash hands.

- Hands must be thoroughly washed, not just rubbed, and other surfaces that come in contact with food.
- Hands should be washed before and after food preparation.
- All illnesses must be reported immediately, and the person must be removed from the ship.
- Clean, disposable clothing and footwear must be worn at all times in food service areas.

Do not allow or remove your hair:



2 Food preparation

On board ships, food should be prepared in designated areas for crew mess, the canteen, mess hall, canteen and retail.

- Use dedicated equipment for food preparation.
- Use dedicated equipment for food storage.
- All food must be thoroughly cooked.
- Use only fresh, clean water.
- Use separate serving utensils for hot and cold food.
- Do not handle food at assembly.
- Do not use food at assembly.



3 Galleys and pantry equipment

Cutlery must be kept in the cleanest possible condition. It must be kept in a clean, dry container. It must be kept in a clean, dry container. It must be kept in a clean, dry container.

- Cutlery must be kept in a clean, dry container.
- Cutlery must be kept in a clean, dry container.
- Cutlery must be kept in a clean, dry container.



4 Temperature control

It is important to maintain the food and the temperature of the holding and the food to be controlled.

- Maintain the temperature of the food and the temperature of the holding and the food to be controlled.
- Maintain the temperature of the food and the temperature of the holding and the food to be controlled.
- Maintain the temperature of the food and the temperature of the holding and the food to be controlled.



5 Sinks, tables and trip hazards

Water and other liquids must be kept clean and free from contamination. It must be kept in a clean, dry container. It must be kept in a clean, dry container.

- Water and other liquids must be kept clean and free from contamination.
- Water and other liquids must be kept clean and free from contamination.
- Water and other liquids must be kept clean and free from contamination.



6 Refrigeration, freezer and store rooms

Refrigeration, freezer and store rooms must be kept clean and free from contamination. It must be kept in a clean, dry container. It must be kept in a clean, dry container.

- Refrigeration, freezer and store rooms must be kept clean and free from contamination.
- Refrigeration, freezer and store rooms must be kept clean and free from contamination.
- Refrigeration, freezer and store rooms must be kept clean and free from contamination.



Safety procedures in compliance with the ISM Code

#EWH

S 63 19

(mm)
(*)200x300
300x400
400x600

(*) Only available in this size

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S 63 28

Control of Noise

Reference IMO Code on Noise Levels on Board Ships

Exceptions may be applicable

1 Employees responsibilities

- Understand an employee's responsibility, and particularly their responsibility, to inform the employer of the risk of hearing loss.
- A working group consisting of employees and the employer must be set up to monitor and manage the noise risk on board ships.
- Every crew member who works on board ships (MS) must be notified by the master and employer.
- Employees and mandatory signers for the use of the applicable protection equipment must be displayed in areas where hard tools, bulky and/or damaged equipment produce noise levels above the dB(A).
- Suitable and sufficient hearing protection equipment must be provided on an individual basis.
- Relevant training and information must be provided for seafarers or to companies to be completed by the Working Construction Plan.

2 Noise survey report

- Control equipment shall be used and equipment that causes and control that noise will not be exceeded.
- Control equipment is subject to checks and must be daily and weekly inspection.
- Control equipment must be the hearing protection equipment that is used.
- Control equipment must be inspected.
- Control equipment must be replaced.
- Control equipment must be replaced regularly.

3 Provide training

- On the measures to reduce the noise from noise in a workshop.
- On the equipment levels and noise levels.
- On the results from the noise assessment.
- On the correct use of hearing protective equipment.
- On health surveillance measures.
- On the potential hearing loss.
- On the potential medical consequences.
- On the potential hearing loss.
- On the potential hearing loss.
- On the potential hearing loss.

4 Seafarers responsibilities

- Know the risk of noise on board ships.
- Know that all activities on board ships are subject to a noise assessment.
- Know that they must use the appropriate hearing protective equipment according to the noise level and the assessment result.
- Know that they must use all working tools.
- Know that the hearing protection equipment must be replaced regularly.
- Know that the hearing protection equipment must be replaced regularly.
- Know that the hearing protection equipment must be replaced regularly.
- Know that the hearing protection equipment must be replaced regularly.

5 General

- Limit noise exposure to 60 minutes per hour or a total of 9 hours in a 24-hour period in areas where hearing protective equipment is not used.
- Hearing protection must be provided to all seafarers in areas where noise levels are above 100 dB(A).
- Hearing protection must be provided to all seafarers in areas where noise levels are above 100 dB(A).
- Hearing protection must be provided to all seafarers in areas where noise levels are above 100 dB(A).
- Hearing protection must be provided to all seafarers in areas where noise levels are above 100 dB(A).

Safety procedures in compliance with the ISM Code

Page 10 of 10

S 63 29

Food Preparation & Storage

ESSENTIAL FOOD PREPARATION TIPS

Always use a sharp knife to cut food. A dull knife is more likely to slip and cause an injury. A sharp knife will cut more cleanly and safely. Always use proper cutting technique. Hold the knife with your dominant hand and the food with your other hand. Cut away from your hand.

Always use a clean cutting board. A cutting board should be clean and dry before use. A cutting board should be made of a non-porous material. A cutting board should be made of a material that is easy to clean. A cutting board should be made of a material that is safe for food contact.

NEVER USE DATE AND DOUBT FOR FOOD

Always use a sharp knife to cut food. A dull knife is more likely to slip and cause an injury. A sharp knife will cut more cleanly and safely. Always use proper cutting technique. Hold the knife with your dominant hand and the food with your other hand. Cut away from your hand.

Always use a sharp knife to cut food. A dull knife is more likely to slip and cause an injury. A sharp knife will cut more cleanly and safely. Always use proper cutting technique. Hold the knife with your dominant hand and the food with your other hand. Cut away from your hand.

PREPARING FOOD FROM FROZEN

Always use a sharp knife to cut food. A dull knife is more likely to slip and cause an injury. A sharp knife will cut more cleanly and safely. Always use proper cutting technique. Hold the knife with your dominant hand and the food with your other hand. Cut away from your hand.

Always use a sharp knife to cut food. A dull knife is more likely to slip and cause an injury. A sharp knife will cut more cleanly and safely. Always use proper cutting technique. Hold the knife with your dominant hand and the food with your other hand. Cut away from your hand.

WARNING

Always use a sharp knife to cut food. A dull knife is more likely to slip and cause an injury. A sharp knife will cut more cleanly and safely. Always use proper cutting technique. Hold the knife with your dominant hand and the food with your other hand. Cut away from your hand.

Always use a sharp knife to cut food. A dull knife is more likely to slip and cause an injury. A sharp knife will cut more cleanly and safely. Always use proper cutting technique. Hold the knife with your dominant hand and the food with your other hand. Cut away from your hand.

COOKING AND HEATING

Always use a sharp knife to cut food. A dull knife is more likely to slip and cause an injury. A sharp knife will cut more cleanly and safely. Always use proper cutting technique. Hold the knife with your dominant hand and the food with your other hand. Cut away from your hand.

NEVER USE DATE AND DOUBT FOR FOOD

Always use a sharp knife to cut food. A dull knife is more likely to slip and cause an injury. A sharp knife will cut more cleanly and safely. Always use proper cutting technique. Hold the knife with your dominant hand and the food with your other hand. Cut away from your hand.

FOOD STORAGE

HEALTHY AND SAFE FOOD STORAGE

Always use a sharp knife to cut food. A dull knife is more likely to slip and cause an injury. A sharp knife will cut more cleanly and safely. Always use proper cutting technique. Hold the knife with your dominant hand and the food with your other hand. Cut away from your hand.

Always use a sharp knife to cut food. A dull knife is more likely to slip and cause an injury. A sharp knife will cut more cleanly and safely. Always use proper cutting technique. Hold the knife with your dominant hand and the food with your other hand. Cut away from your hand.

DO NOT ACCEPT THE DELIVERY

Always use a sharp knife to cut food. A dull knife is more likely to slip and cause an injury. A sharp knife will cut more cleanly and safely. Always use proper cutting technique. Hold the knife with your dominant hand and the food with your other hand. Cut away from your hand.

FOOD STORAGE

Always use a sharp knife to cut food. A dull knife is more likely to slip and cause an injury. A sharp knife will cut more cleanly and safely. Always use proper cutting technique. Hold the knife with your dominant hand and the food with your other hand. Cut away from your hand.

DO NOT

Always use a sharp knife to cut food. A dull knife is more likely to slip and cause an injury. A sharp knife will cut more cleanly and safely. Always use proper cutting technique. Hold the knife with your dominant hand and the food with your other hand. Cut away from your hand.

S 63 23

(mm)
400x300
600x400

Health and Safety Operational Procedures

(mm)
400x300
600x400



Kitchen Hygiene

INTRODUCTION

The kitchen is a critical area for food safety and hygiene. It is essential to maintain high standards of cleanliness to prevent foodborne illnesses.

1. WASHING UP

Washing up is a crucial part of kitchen hygiene. It involves cleaning all surfaces, utensils, and equipment thoroughly with hot water and detergent.

2. CLEANING MATERIALS

Use appropriate cleaning materials for different surfaces. For example, use a bleach solution for disinfecting surfaces, and a degreaser for cleaning grease.

3. PEST CONTROL

Regular pest control is essential to prevent infestations. Use traps and bait stations to monitor and control pests.

4. WASTE DISPOSAL

Dispose of waste properly and regularly. Use separate bins for food waste, general waste, and recycling.

KEEPING YOUR KITCHEN CLEAN

Regular cleaning and maintenance are essential for a safe and hygienic kitchen environment.

S 63 24

Preventing Slips, Trips & Falls

1. KNOW THE RISKS

Identify potential hazards in your workplace, such as wet floors, clutter, and poor lighting.

2. HAZARD | SPILLAGE

Clean up spills immediately to prevent slips and falls.

3. HAZARD | CABLES

Secure cables and wires to prevent tripping hazards.

4. HAZARD | FLOORING

Inspect flooring regularly for damage and wear.

5. HAZARD | FOOTWEAR

Wear appropriate footwear for the work environment.

6. HAZARD | LIGHTING

Ensure adequate lighting in all work areas.

7. PREVENTING ACCIDENTS

Follow safety protocols and use common sense to prevent accidents.

S 63 25

Safe Manual Handling

INTRODUCTION

Manual handling is a common task in many workplaces. It is essential to use proper techniques to prevent injury.

RISK ASSESSMENT

Assess the risks of manual handling tasks, including the weight of the load, the distance it needs to be moved, and the posture required.

EMPLOYERS & EMPLOYEES

Employers should provide training and resources for safe manual handling. Employees should follow safety guidelines and report any issues.

HANDLING TECHNIQUES

Use proper lifting and moving techniques, such as bending the knees and keeping the back straight.

S 63 26

Stress Management

1. WHAT IS STRESS?

Stress is a natural response to pressure or change. It can be both positive and negative.

2. REACTIONS TO STRESS

Identify your own reactions to stress, such as increased heart rate or irritability.

3. COPING WITH STRESS

Use stress management techniques, such as deep breathing and exercise.

4. THINK POSITIVELY

Maintain a positive outlook and focus on solutions.

5. TIME MANAGEMENT

Organize your time effectively to reduce stress.

6. BALANCE WORK & FAMILY

Find a balance between work and personal life.

7. COMMUNICATION

Communicate openly with colleagues and family.

8. BREAKING THE CYCLE

Break the cycle of stress by taking breaks and seeking support.

S 63 27

(mm)
300x400
400x600



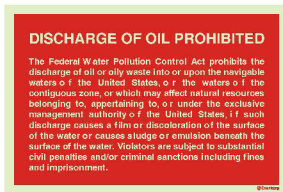
Do Not Discharge Garbage Overboard

You could be violating the law
Any garbage discharge is to be recorded

MARPOL Anti-Pollution Regulations

Garbage type	Plastic	Food waste	General waste	Oil	Other
Food waste (overboard)	Prohibited	Permitted	Permitted	Prohibited	Prohibited
Food waste (incinerated)	Prohibited	Permitted	Permitted	Prohibited	Prohibited
Food waste (landfilled)	Prohibited	Permitted	Permitted	Prohibited	Prohibited
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Health and Safety Operational Procedures



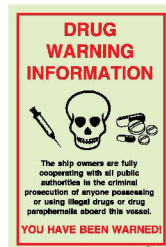
[*] S 63 71



S 63 72

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[*] 300x200
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[*] Only available in this size



S 63 62



S 63 63



S 63 64



S 63 74

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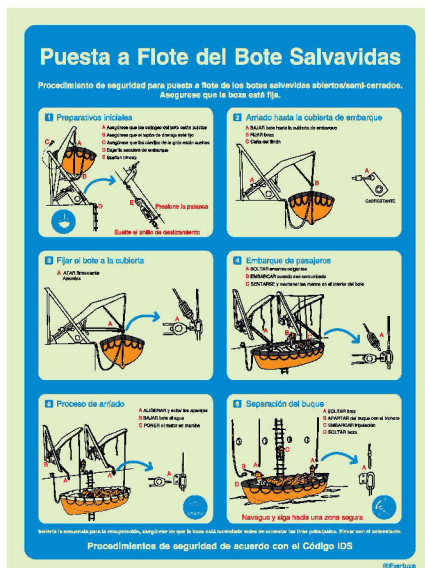
Safety Awareness and Training Procedures - Spanish Speaking Crews



S 64 01



S 64 02



S 64 03



S 64 04

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Puesta a Flote de un Bote Salvavidas de Caída Libre

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

- Puesta de marcha**
 - Activar las bombas de agua.
 - Los tripulantes deben estar en posición adecuada para el lanzamiento.
 - Verificar que el bote salvavidas esté listo para lanzarse con los motores y sistemas operativos.
 - Asegurar la caída del bote.
- Operaciones del bote**
 - Después de comprobar la puesta a marcha del motor, el operador debe mantener la velocidad para evitar el sobrecalentamiento del motor.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
- Lanzamiento**
 - El operador debe estar listo para el lanzamiento.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
- Requisitos antes del lanzamiento**
 - Verificar que el bote salvavidas esté listo para el lanzamiento.
 - Verificar que el bote salvavidas esté listo para el lanzamiento.
 - Verificar que el bote salvavidas esté listo para el lanzamiento.
 - Verificar que el bote salvavidas esté listo para el lanzamiento.
- Embarque**
 - Los tripulantes deben estar en posición adecuada para el lanzamiento.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
- Medidas posteriores**
 - Después del lanzamiento, verificar la posición del bote.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.

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 Reglamento de la Convención Internacional para la Prevención de Contaminación por los Buques (MARPOL 73/78) para evitar la contaminación de la atmósfera y el medio marino por hidrocarburos y otros materiales nocivos con el riesgo de contaminación. Se requiere el cumplimiento de las normas de seguridad y conservación de los recursos marinos. Se requiere el cumplimiento de las normas de seguridad y conservación de los recursos marinos.

- Control de buques**
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
- Tape los tanques**
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
- Utilice los equipos adecuados**
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
- Comunicaciones e identificación**
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
- Control pumping rate**
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
- Use bandejas de goteo**
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.

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

Procedimientos de seguridad, en conformidad con el Código ISM

S 64 81

Señalización de Control de Incendios OMI

Simbología gráfica de control de incendios según la Resolución OMI A.654(16)

Procedimientos de seguridad, en conformidad con el Código ISM

S 64 82

¡Hombre al Agua!

Procedimientos esenciales al descubrir un naufragio

- Medidas inmediatas - Cubierta**
 - Activar el sistema de alarma de incendio.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
- Medidas inmediatas - Puesto de mando**
 - Activar el sistema de alarma de incendio.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
- Soluciones inmediatas - en el mar**
 - Activar el sistema de alarma de incendio.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
- Soluciones inmediatas - cuando esté fondeado o en el puerto**
 - Activar el sistema de alarma de incendio.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
- Soluciones secundarias - si el naufragio no ha sido descubierto**
 - Activar el sistema de alarma de incendio.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.
 - Verificar la posición de la hélice.

Procedimientos de seguridad, en conformidad con el Código IDS

S 64 83

Luz, Forma y Señales Sonoras

Señales de comunicación internacional

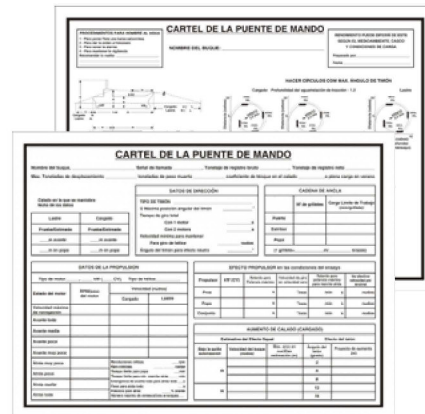
Procedimientos de seguridad, en conformidad con el Código ISM

S 64 85

Safety Awareness and Training Procedures - Spanish Speaking Crews



S 64 84



[*] S 64 86

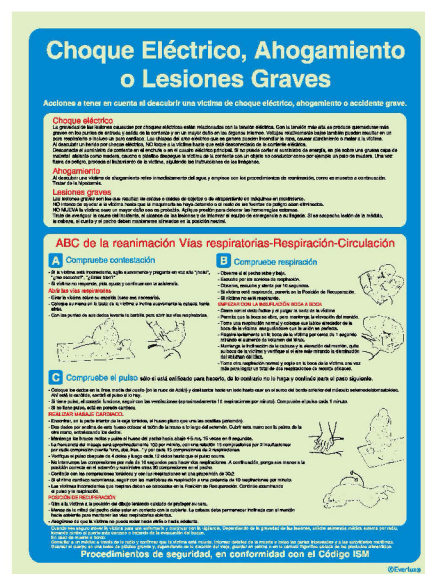
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S 64 87

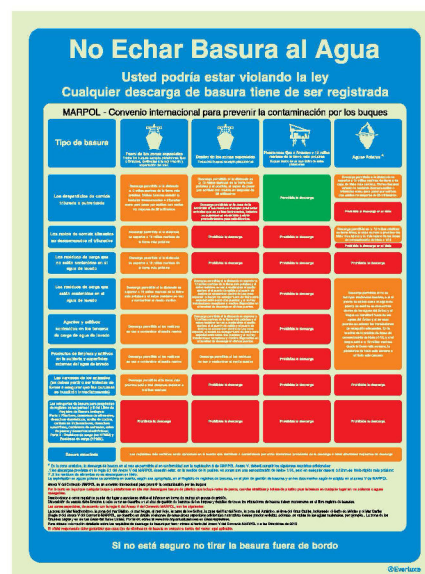


S 64 88

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[*] S 64 89



S 64 07

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(*) 150x200
(*) 200x300



(*) Only available
in these sizes

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Homme à la Mer

Procédures primordiales en cas de découverte d'un homme à la mer

1 Mesures immédiates à partir du pont

- Aller à bord de sauvetage le plus près possible de la victime.
- Donner l'alarme la plus vite possible.
- Aller aux postes de vue la victime en passant par les passerelles.
- Aller aux passerelles de vue la victime.
- Donner l'alarme la plus vite possible.
- Donner l'alarme la plus vite possible.
- Donner l'alarme la plus vite possible.

2 Intervention dans l'eau

- Mettre un contact radio avec le passerelle pour donner la notice de sauvetage.
- Mettre les manœuvres de propulsion et les plans de sauvetage.
- Mettre le moteur de secours en fonctionnement.
- Mettre le moteur de secours en fonctionnement.
- Mettre le moteur de secours en fonctionnement.

Procédures de sécurité en conformité avec le Code ISM

S 64 30

Mise à l'eau des Radeaux de Sauvetage

Procédures de mise à l'eau des radeaux de sauvetage gonflables

1 Débarquement automatique

2 Débarquement manuel

3 Mettre à l'eau le radeau de sauvetage

4 Garder le Radeau de sauvetage

5 Débarquement automatique

6 Rebarquement manuel du radeau de sauvetage

Procédures de sécurité en conformité avec le Code ISM

S 64 31

Mise à l'eau des Radeaux de Sauvetage sous Bossoirs

Instructions pour la mise à l'eau des radeaux de sauvetage sous bossoirs

1 Préparer la zone de lancement

- Nettoyer la zone de lancement.
- Nettoyer la zone de lancement.
- Nettoyer la zone de lancement.
- Nettoyer la zone de lancement.

2 Préparer le radeau

- Nettoyer le radeau.
- Nettoyer le radeau.
- Nettoyer le radeau.
- Nettoyer le radeau.

3 Soulever le radeau et mettre le bossoir à la position préétablie

- Soulever le radeau.
- Soulever le radeau.
- Soulever le radeau.
- Soulever le radeau.

4 Procédure d'embarquement

- Procédure d'embarquement.
- Procédure d'embarquement.
- Procédure d'embarquement.
- Procédure d'embarquement.

5 Descendre le radeau de sauvetage

- Descendre le radeau.
- Descendre le radeau.
- Descendre le radeau.
- Descendre le radeau.

6 Lancer le radeau de sauvetage

- Lancer le radeau.
- Lancer le radeau.
- Lancer le radeau.
- Lancer le radeau.

Procédures de sécurité en conformité avec le Code ISM

S 64 32

Radeaux de sauvetage gonflables

Procédures essentielles après le lancement

1 Rattrapper le radeau renversé

2 Conseil rapide

3 Eloigner-vous du navire

4 Lancer l'ancrage flottant

5 Fermer les entrées

6 Autres procédures

Procédures de sécurité en conformité avec le Code ISM

S 64 33

Lancement de bateau de sauvetage

Ouverture du lancement / procédures de sécurité canots de sauvetage semi-fermés. Assurez-vous que le ligne est équipé.

1 Les premiers préparatifs

- Les premiers préparatifs.
- Les premiers préparatifs.
- Les premiers préparatifs.
- Les premiers préparatifs.

2 Descente au niveau du pont

- Descente au niveau du pont.
- Descente au niveau du pont.
- Descente au niveau du pont.
- Descente au niveau du pont.

3 Fixation au pont d'embarquement

- Fixation au pont d'embarquement.
- Fixation au pont d'embarquement.
- Fixation au pont d'embarquement.
- Fixation au pont d'embarquement.

4 Personnel à bord

- Personnel à bord.
- Personnel à bord.
- Personnel à bord.
- Personnel à bord.

5 Descendre à l'eau

- Descendre à l'eau.
- Descendre à l'eau.
- Descendre à l'eau.
- Descendre à l'eau.

6 Lâcher prise

- Lâcher prise.
- Lâcher prise.
- Lâcher prise.
- Lâcher prise.

Procédures de sécurité en conformité avec le Code ISM

S 64 34

Mise à l'eau du Bateau de Sauvetage Fermé Depuis son Arrimage

Procédures de lancement (Edition Solas 2004 consolidée chapitre III, règlement 23)

1 Précautions

- Précautions.
- Précautions.
- Précautions.
- Précautions.

2 Lancement des opérations

- Lancement des opérations.
- Lancement des opérations.
- Lancement des opérations.
- Lancement des opérations.

3 Mise à l'eau

- Mise à l'eau.
- Mise à l'eau.
- Mise à l'eau.
- Mise à l'eau.

4 Entrée dans l'eau

- Entrée dans l'eau.
- Entrée dans l'eau.
- Entrée dans l'eau.
- Entrée dans l'eau.

5 Départ

- Départ.
- Départ.
- Départ.
- Départ.

6 Procédures finales

- Procédures finales.
- Procédures finales.
- Procédures finales.
- Procédures finales.

Procédures de sécurité en conformité avec le Code ISM

S 64 35

S 64 36

S 64 37

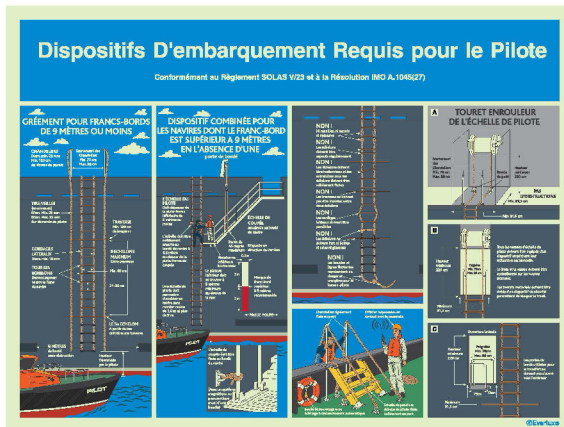
S 64 70

S 64 72

S 64 73

S 64 75

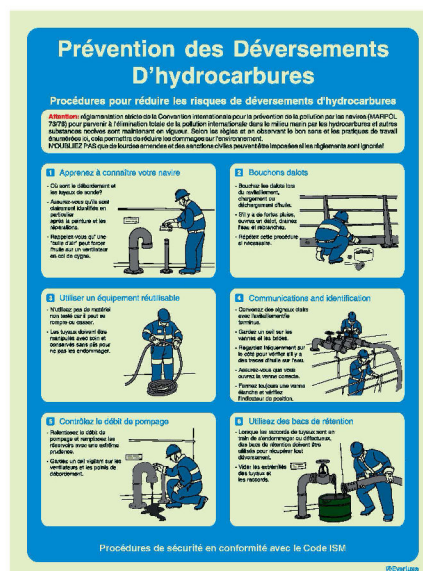
(mm)
300x400
400x600
400x300(*)
600x400(*)



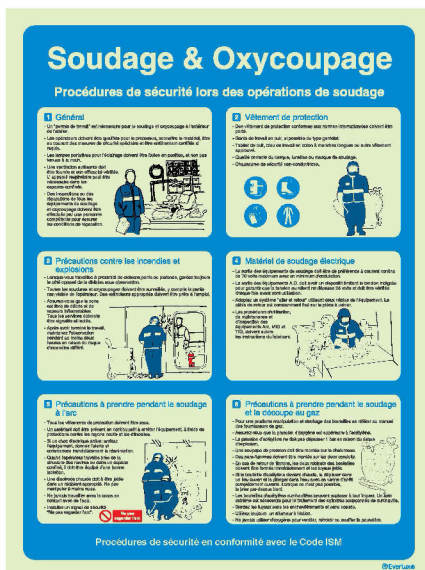
(*) S 64 71



S 64 74



S 64 76



S 64 77



S 64 78

[illegible]

S 64 79

[illegible]

\$ 64 80

[illegible]

S 64 90

Code International des Signaux Signalisation des Drapeaux

A  Au port ou en rade Région de pêche	N  Navi Navi	1  Attention à la collision Attention à la collision	
B  Au port, à l'entrée ou au départ des pêcheries adjacentes	O  Ombre de mer Ombre de mer	2  Attention à la collision Attention à la collision	
C  Attention Attention	P  Attention à la collision Attention à la collision	3  Attention à la collision Attention à la collision	
D  Attention à la collision Attention à la collision	Q  Attention à la collision Attention à la collision	4  Attention à la collision Attention à la collision	
E  Attention à la collision Attention à la collision	R  Attention à la collision Attention à la collision	5  Attention à la collision Attention à la collision	
F  Attention à la collision Attention à la collision	S  Attention à la collision Attention à la collision	6  Attention à la collision Attention à la collision	
G  Attention à la collision Attention à la collision	T  Attention à la collision Attention à la collision	7  Attention à la collision Attention à la collision	
H  Attention à la collision Attention à la collision	U  Attention à la collision Attention à la collision	8  Attention à la collision Attention à la collision	
I  Attention à la collision Attention à la collision	V  Attention à la collision Attention à la collision	9  Attention à la collision Attention à la collision	
J  Attention à la collision Attention à la collision	W  Attention à la collision Attention à la collision	0  Attention à la collision Attention à la collision	
K  Attention à la collision Attention à la collision	X  Attention à la collision Attention à la collision		
L  Attention à la collision Attention à la collision	Y  Attention à la collision Attention à la collision		
M  Attention à la collision Attention à la collision	Z  Attention à la collision Attention à la collision		

Formes de substitution

Attention à la collision

Attention à la collision

Attention à la collision

Attention à la collision

10/10

S 64 61

Signaux de Sauvetage

Signaux de communication internationale de recherche et de sauvetage selon les règlements SOLAS

Signaux de Sécurité Maritime

Règles de l'Utilité de l'Inventaire et de Sécurité

Un signal de détresse doit être utilisé uniquement en cas de détresse

Un signal de détresse doit être utilisé uniquement en cas de détresse

Un signal de détresse doit être utilisé uniquement en cas de détresse

Un signal de détresse doit être utilisé uniquement en cas de détresse

Un signal de détresse doit être utilisé uniquement en cas de détresse

Un signal de détresse doit être utilisé uniquement en cas de détresse

Un signal de détresse doit être utilisé uniquement en cas de détresse

Signaux de la surface vers la surface

Signal	Utilisation	Utilisation	Utilisation
1. Feu de détresse (flamme rouge)	Utilisé en cas de détresse	Utilisé en cas de détresse	Utilisé en cas de détresse
2. Feu de détresse à parachute (flamme rouge à parachute)	Utilisé en cas de détresse	Utilisé en cas de détresse	Utilisé en cas de détresse
3. Feu de détresse à fumée (flamme rouge à fumée)	Utilisé en cas de détresse	Utilisé en cas de détresse	Utilisé en cas de détresse
4. Feu de détresse à fumée à parachute (flamme rouge à fumée à parachute)	Utilisé en cas de détresse	Utilisé en cas de détresse	Utilisé en cas de détresse
5. Feu de détresse à fumée à parachute à fumée (flamme rouge à fumée à parachute à fumée)	Utilisé en cas de détresse	Utilisé en cas de détresse	Utilisé en cas de détresse
6. Feu de détresse à fumée à parachute à fumée à parachute (flamme rouge à fumée à parachute à fumée à parachute)	Utilisé en cas de détresse	Utilisé en cas de détresse	Utilisé en cas de détresse
7. Feu de détresse à fumée à parachute à fumée à parachute à fumée (flamme rouge à fumée à parachute à fumée à parachute à fumée)	Utilisé en cas de détresse	Utilisé en cas de détresse	Utilisé en cas de détresse
8. Feu de détresse à fumée à parachute à fumée à parachute à fumée à parachute (flamme rouge à fumée à parachute à fumée à parachute à fumée à parachute)	Utilisé en cas de détresse	Utilisé en cas de détresse	Utilisé en cas de détresse
9. Feu de détresse à fumée à parachute à fumée à parachute à fumée à parachute à fumée (flamme rouge à fumée à parachute à fumée à parachute à fumée à parachute à fumée)	Utilisé en cas de détresse	Utilisé en cas de détresse	Utilisé en cas de détresse
10. Feu de détresse à fumée à parachute à fumée à parachute à fumée à parachute à fumée à parachute (flamme rouge à fumée à parachute à fumée à parachute à fumée à parachute à fumée à parachute)	Utilisé en cas de détresse	Utilisé en cas de détresse	Utilisé en cas de détresse

Un signal de détresse doit être utilisé uniquement en cas de détresse

Règles de la surface vers la surface

Signaux de détresse de la surface vers la surface

Règles de la surface vers la surface

Signaux de détresse vers la surface

Signaux utilisés depuis la surface vers un navire de sauvetage

Notes sur les collections des télécommunications

AVEC PISTON

A TANT

Un signal de détresse doit être utilisé uniquement en cas de détresse

Procédures de sécurité en conformité avec le Code ISM

10/10

S 64 62

[illegible]

S 64 63



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

Procedimentos de segurança em conformidade com o Código IST

\$ 64.50

Manuseamento seguro, armazenamento e práticas operacionais

Procedimentos de segurança de transporte

Os procedimentos de segurança de transporte são aqueles que devem ser adotados para garantir a integridade e a segurança das cargas durante o transporte. Esses procedimentos são essenciais para evitar danos às cargas e acidentes durante o transporte.

Os procedimentos de segurança de transporte devem ser adotados em todas as etapas do transporte, desde a preparação da carga até a entrega ao destinatário. Os procedimentos de segurança de transporte devem ser adotados em todas as etapas do transporte, desde a preparação da carga até a entrega ao destinatário.

Os procedimentos de segurança de transporte devem ser adotados em todas as etapas do transporte, desde a preparação da carga até a entrega ao destinatário.

Procedimentos de segurança de armazenamento

Os procedimentos de segurança de armazenamento são aqueles que devem ser adotados para garantir a integridade e a segurança das cargas durante o armazenamento. Esses procedimentos são essenciais para evitar danos às cargas e acidentes durante o armazenamento.

Os procedimentos de segurança de armazenamento devem ser adotados em todas as etapas do armazenamento, desde a chegada da carga até a entrega ao destinatário. Os procedimentos de segurança de armazenamento devem ser adotados em todas as etapas do armazenamento, desde a chegada da carga até a entrega ao destinatário.

Os procedimentos de segurança de armazenamento devem ser adotados em todas as etapas do armazenamento, desde a chegada da carga até a entrega ao destinatário.




Procedimentos de segurança em conformidade com o Código ISA

S 64 51

Durante os primeiros minutos de uma paragem respiratória que não seja causada por asfixia, o nível de oxigénio no sangue mantém-se elevado.

Suporte Básico de Vida (SBV) (CoSTRa 2005) **Gratias pro eccorcor, rememore de perigoro pro angore facile**

1 Verificar a resposta

Olhar para o rosto da vítima, verificar se há respiração e se há pulso carotídeo. Se não houver, iniciar imediatamente as manobras de SBV.

2 Verificar a vítima de corar.

Verificar se a vítima está consciente e se há resposta verbal. Se não houver, iniciar imediatamente as manobras de SBV.

Se a respiração não é normal, INICIAR COMPRESSÕES TORÁICAS IMEDIATAMENTE

Se a vítima não responde verbalmente, verificar se há pulso carotídeo. Se não houver, iniciar imediatamente as manobras de SBV.

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Se a vítima não responde verbalmente, verificar se há pulso carotídeo. Se não houver, iniciar imediatamente as manobras de SBV.

3 Verificar a respiração

Olhar para o rosto da vítima, verificar se há respiração e se há pulso carotídeo. Se não houver, iniciar imediatamente as manobras de SBV.

4 Verificar a vítima de corar.

Verificar se a vítima está consciente e se há resposta verbal. Se não houver, iniciar imediatamente as manobras de SBV.

Se a respiração não é normal, INICIAR COMPRESSÕES TORÁICAS IMEDIATAMENTE

Se a vítima não responde verbalmente, verificar se há pulso carotídeo. Se não houver, iniciar imediatamente as manobras de SBV.

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Procedimentos de segurança em conformidade com o Código ISI

S 64 60

Ações a desenvolver ao descobrir uma vítima de afogamento ou hipotermia

Suporte Básico de Vida (SBV) (CoSTRA 2015)

Gritar por socorro, remover de perigo se for seguro fazê-lo

1 Verificar e inspecionar

Verifique se o óleo está limpo e com o nível correto. Se o óleo estiver sujo ou com o nível baixo, substitua-o imediatamente.

Verifique se o óleo está limpo e com o nível correto. Se o óleo estiver sujo ou com o nível baixo, substitua-o imediatamente.

Verifique se o óleo está limpo e com o nível correto. Se o óleo estiver sujo ou com o nível baixo, substitua-o imediatamente.




2 Verificar e reapreço

Verifique se o óleo está limpo e com o nível correto. Se o óleo estiver sujo ou com o nível baixo, substitua-o imediatamente.

Verifique se o óleo está limpo e com o nível correto. Se o óleo estiver sujo ou com o nível baixo, substitua-o imediatamente.

Verifique se o óleo está limpo e com o nível correto. Se o óleo estiver sujo ou com o nível baixo, substitua-o imediatamente.




3 Se o manípulo não se mover, INICIAR o procedimento de reparação IMEDIATAMENTE

Verifique se o óleo está limpo e com o nível correto. Se o óleo estiver sujo ou com o nível baixo, substitua-o imediatamente.

Verifique se o óleo está limpo e com o nível correto. Se o óleo estiver sujo ou com o nível baixo, substitua-o imediatamente.

Verifique se o óleo está limpo e com o nível correto. Se o óleo estiver sujo ou com o nível baixo, substitua-o imediatamente.




4 As válvulas inadequadas que não se movem

Verifique se o óleo está limpo e com o nível correto. Se o óleo estiver sujo ou com o nível baixo, substitua-o imediatamente.

Verifique se o óleo está limpo e com o nível correto. Se o óleo estiver sujo ou com o nível baixo, substitua-o imediatamente.

Verifique se o óleo está limpo e com o nível correto. Se o óleo estiver sujo ou com o nível baixo, substitua-o imediatamente.




5 Verificação

Verifique se o óleo está limpo e com o nível correto. Se o óleo estiver sujo ou com o nível baixo, substitua-o imediatamente.

Verifique se o óleo está limpo e com o nível correto. Se o óleo estiver sujo ou com o nível baixo, substitua-o imediatamente.

Verifique se o óleo está limpo e com o nível correto. Se o óleo estiver sujo ou com o nível baixo, substitua-o imediatamente.




6 Reparação de Válvula de Segurança

Verifique se o óleo está limpo e com o nível correto. Se o óleo estiver sujo ou com o nível baixo, substitua-o imediatamente.

Verifique se o óleo está limpo e com o nível correto. Se o óleo estiver sujo ou com o nível baixo, substitua-o imediatamente.

Verifique se o óleo está limpo e com o nível correto. Se o óleo estiver sujo ou com o nível baixo, substitua-o imediatamente.




Este manual contém informações importantes sobre a segurança e o uso correto do equipamento. Leia-o cuidadosamente antes de operar o equipamento. Mantenha este manual em um local seguro e acessível para referência futura. Não tente reparar o equipamento sem a assistência de um técnico qualificado. O uso incorreto do equipamento pode resultar em danos pessoais ou materiais. Siga sempre as instruções de segurança e os procedimentos de manutenção recomendados.

Procedimentos de segurança em conformidade com o Código IS

S 64 52

Procedimentos para o lançamento de balsas salva-vidas Infláveis

☐ Allmänna råd om 6:10a
☐ Allmänna råd om 6:10b

1 Montagem da baliza

2 Largamento da baliza selvagens

3 Puxar a baliza selvagens

4 Montagem da baliza com o sistema de bombeamento

5 Montagem da baliza com o sistema de bombeamento

6 Montagem da baliza com o sistema de bombeamento

7 Montagem da baliza com o sistema de bombeamento

8 Montagem da baliza com o sistema de bombeamento

Procedimentos de segurança em conformidade com o Código ISM

S 64 53

S 64 54

\$ 64.55

S 64 56

S 64 57

S 64 58

S 64 59

Safety Awareness

(mm)
300x400
400x600



Safety First
Confined Spaces

Unless you know, avoid down below
Use the correct PPE & procedures!

S 65 01

Safety First
Electrical Safety

Be the only bright spark around
Think electrical safety!

S 65 02

Safety First
Eye Protection

To see or not to see, that is the question
Use eye protection!

S 65 03

Safety First
Fire Prevention

Play your part
Be fire smart!

S 65 04

Safety First
Follow Correct Procedures

Informed is better than deformed!

S 65 05

Safety First
Hazardous Materials

Safety is as simple as ABC
Always Be Careful and follow the instructions

S 65 06

Safety First
Housekeeping

Avoid a scene
Keep it clean!

S 65 07

Safety First
Lift Correctly

Keep safety on track
Look after your back!

S 65 08

Safety First
Noise

Hear today, gone tomorrow
Use hearing protection!

S 65 09

Safety First
Personal Protective Equipment (PPE)

No safety know pain, know safety no pain
Use the correct PPE!

S 65 10

Safety First
Seek Medical Attention

A wound neglected is a wound infected
Seek medical attention!

S 65 11

Safety First
Slips and Falls

A spill, a slip
A hospital trip!

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



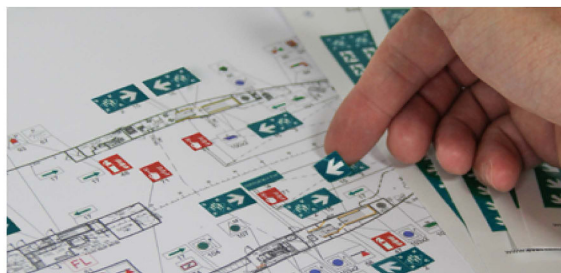
S DEC P

Cabin Safety Plan

S CAB P



Everlux® Self-Adhesive Mini-Symbols



The new  Everlux® mini-symbols according to IMO Resolution A.1116(30) allow you to update your Fire Control and Life-safety Plans with the recently adopted symbols.

The complete pack includes mini-symbols for Life-saving (LSS), Means of Escape (MES), Emergency (EES), Fire-fighting (FES) and Safety and Operational (SIS) Equipment. Additionally, it also includes mini-symbols for Damage Control Plans and Ship Oil Pollution Emergency Plans. It contains a total of 27 pages and 2840 mini-symbols.

(mm)
10x10(*)



Life-saving (LSS), Means of Escape (MES), and Emergency Equipment (EES) mini-symbols according to IMO Resolution A.1116(30) - containing 5 pages and a total of 600 mini-symbols.

(*) Each
mini-symbol

S 70 04

(mm)
10x15(*)

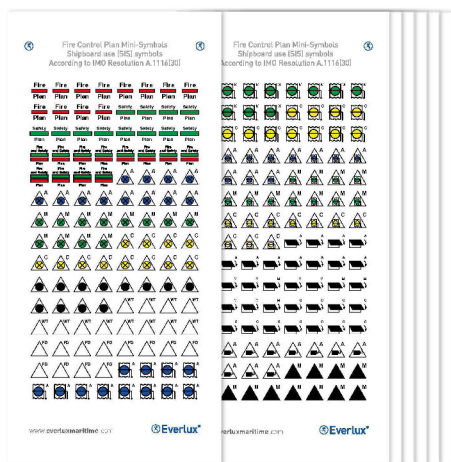


Fire-Fighting Equipment (FES) mini-symbols according to IMO Resolution A.1116(30). It includes fire-fighting equipment mini-symbols with integrated extinguishing agent identification symbols. This pack contains 14 pages and a total of 1400 mini-symbols.

(*) Each
mini-symbol

S 70 05

(mm)
10x10(*)



This pack includes safety and operational (SIS) mini-symbols according to IMO Resolution A.1116(30) as well as damage control plan and ship oil pollution emergency plan mini-symbols. It contains 7 pages and a total of 840 mini-symbols.

(*) Each
mini-symbol

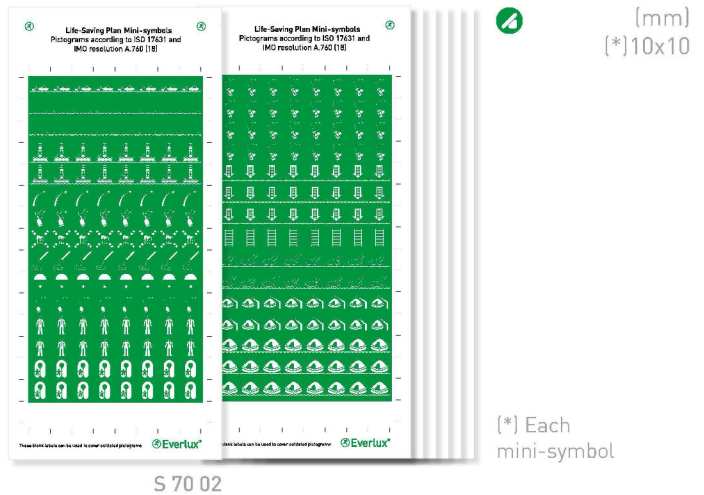
S 70 06

Everlux® Self-Adhesive Mini-Symbols

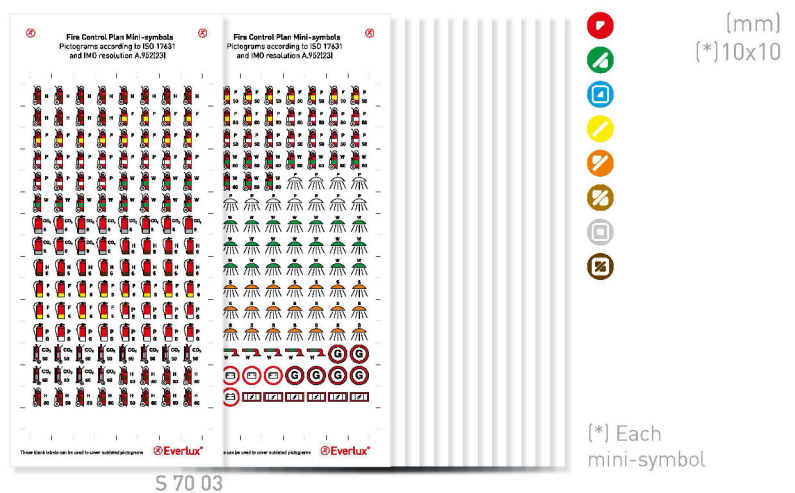
Fire control mini-symbols
according to IMO Resolution
A. 654 - containing 12 pages and
a total of 1536 mini-symbols.



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



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



To order these 3 sets (S 70 01, S 70 02, and S 70 03) use item code S 70 00.
It contains 36 pages and a total of 4338 mini-symbols.

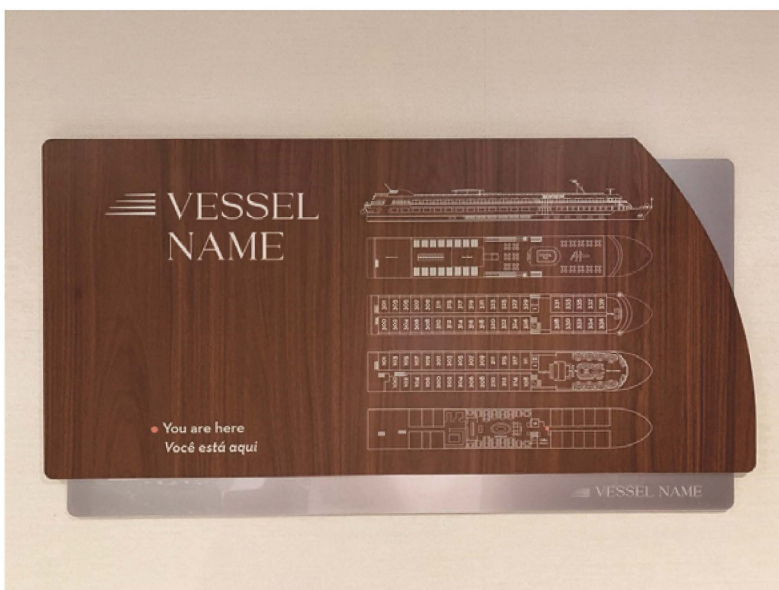
Architectural Signage Solutions

Ⓢ 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.

Accommodation Signage

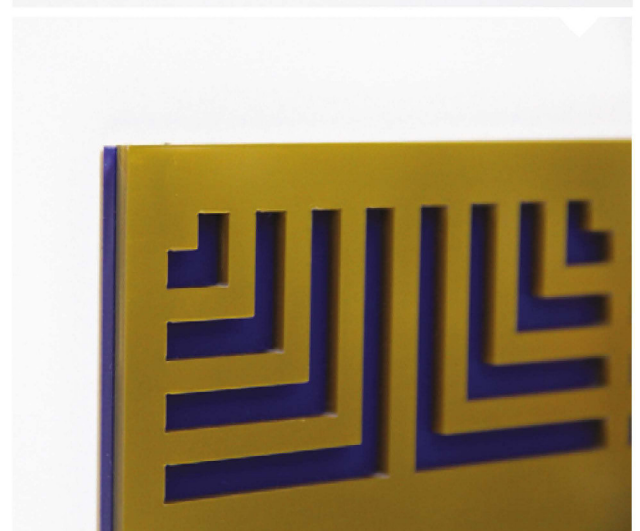
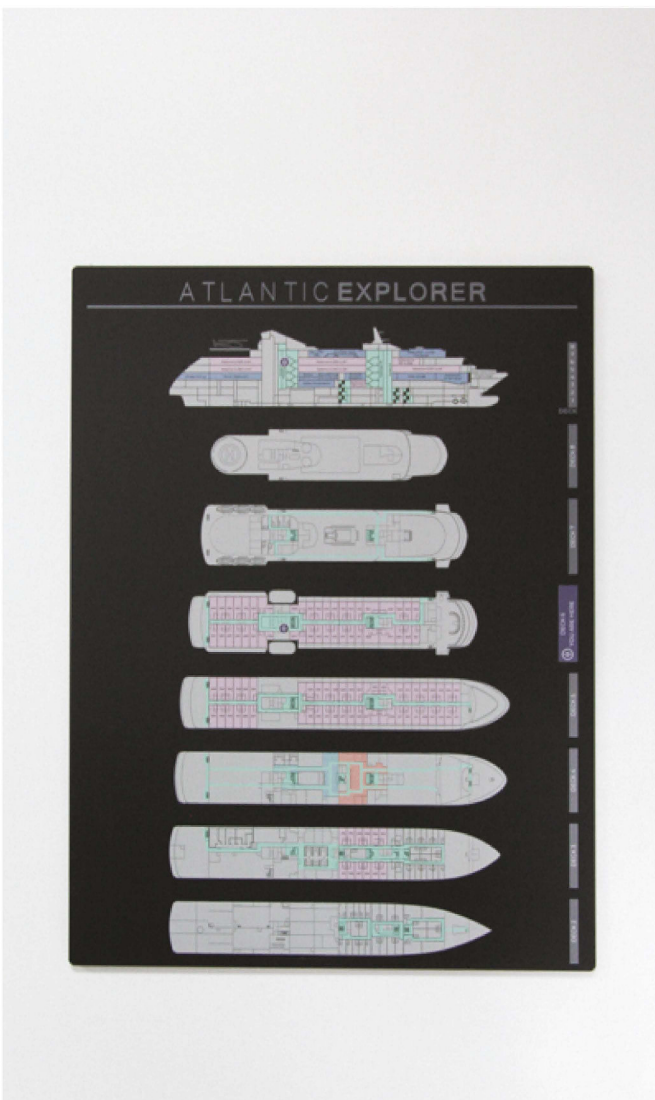


Deck Identification and Cabin Wayfinding



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

Accessible Design

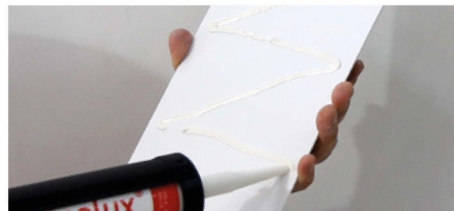


□ FRAME AND ADHESIVE

⊗ Everlux® Adhesive



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



Adhesive (290ml)

DADHE

Clean and fast application, is flexible with excellent mechanical properties indoor and outdoor. Free of solvents and silicone.

High adhesion to most surfaces, including irregular surfaces. Resistant to temperature variations and UV rays.

Signs and application surfaces must be clean and degreased. Application must be done within + 5°C to + 40°C.

Apply a 5mm N-shaped adhesive wire on the back of the plate to cover the entire area. Press the sign against the installation surface. You can adjust the sign position within the first 5 minutes after the installation.

The service temperature is -40°C to + 90°C.

With a cord of 5mm in diameter and 15m linear: 29 signs (15x15cm), 19 signs (30x15cm), 12 signs (40x30 cm).

Apply the product in well ventilated areas.
Contains: Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate, N-(3-(trimethoxysilyl) propyl)ethylenediamine. May cause allergic reaction. In case of contact with eyes, rinse with plenty of water.

Use a cloth moistened with alcohol to clean the surface of the sign and the installation surface. Store in a cool and dry place, with temperatures between + 5°C and +25°C.

⊗ Everlux® Frames



Self-Assembly Frame

S 80 01



Slim-Line Frame

S 80 02



Flexi Frame

S 80 03

⊗ 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 the assembly of this practical frame.

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

⊗ Everlux® flexi frame – this frame is supplied already assembled. It contains an installation bracket and respective fittings.

Installation: The ⊗ Everlux® self-assembly and the ⊗ Everlux® slim-line frames can be installed with double-sided adhesive tape or with the ⊗ Everlux® adhesive.

The ⊗ Everlux® flexi frame must be installed with the installation accessories which are supplied with the frame. Frames are only suitable for square and rectangular shaped signs.

IMPA AND ISSA CROSS REFERENCE GUIDE

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33.0189	47.007.04	S 52 90	89	33.1547	47.515.47	S 63 06	106	33.2147	47.521.47	S 50 08	90	33.2249	47.522.49	S 55 11	94
33.1501	47.515.01	S 60 56	99	33.1548	47.515.48	S 60 06	97	33.2148	47.521.48	S 50 09	90	33.2251	47.522.51	S 55 12	94
33.1502	47.515.02	S 60 53	98	33.1549	47.515.49	S 60 09	97	33.2149	47.521.49	S 50 10	90	33.2252	47.522.52	S 55 13	94
33.1503	47.515.03	S 60 55	99	33.1550	47.515.50	S 60 10	97	33.2150	47.521.50	S 50 11	90	33.2253	47.522.53	S 55 32	94
33.1504	47.515.04	S 60 57	99	33.1557	47.515.57	S 60 03	96	33.2151	47.521.51	S 50 12	90	33.2254	47.522.54	S 56 02	94
33.1505	47.515.05	S 60 58	100	33.1558	47.515.58	S 60 61	100	33.2201	47.522.01	S 59 01	95	33.2255	47.522.55	S 56 04	94
33.1506	47.515.06	S 63 07	107	33.1559	47.515.59	S 60 71	101	33.2202	47.522.02	S 55 19	94	33.2256	47.522.56	S 56 07	94
33.1507	47.515.07	S 63 09	107	33.1564	47.515.64	S 62 06	104	33.2203	47.522.03	S 55 01	94	33.2275	47.522.75	S 55 26	94
33.1508	47.515.08	S 63 01	106	33.1565	47.515.65	S 62 53	105	33.2207	47.522.07	S 55 14	94	33.2277	47.522.77	S 56 56	95
33.1509	47.515.09	S 63 18	108	33.1566	47.515.66	S 60 05	97	33.2208	47.522.08	S 55 16	94	33.2279	47.522.79	S 58 01	95
33.1510	47.515.10	S 62 52	104	33.1567	47.515.67	S 60 04	96	33.2209	47.522.09	S 55 18	94	33.2287	47.522.87	S 59 27	95
33.1511	47.515.11	S 62 51	104	33.1568	47.515.68	S 60 07	97	33.2210	47.522.10	S 55 21	94	33.2288	47.522.88	S 56 54	95
33.1512	47.515.12	S 62 54	105	33.1569	47.515.69	S 63 17	108	33.2211	47.522.11	S 55 22	94	33.2289	47.522.89	S 59 11	95
33.1513	47.515.13	S 62 03	103	33.1570	47.515.70	S 63 16	108	33.2212	47.522.12	S 55 23	94	33.2290	47.522.90	S 59 12	95
33.1514	47.515.14	S 62 04	104	33.1571	47.515.71	S 62 07	104	33.2213	47.522.13	S 55 25	94	33.2292	47.522.92	S 57 12	95
33.1515	47.515.15	S 60 52	98	33.1572	47.515.72	S 63 29	109	33.2215	47.522.15	S 55 27	94	33.2293	47.522.93	S 58 02	95
33.1516	47.515.16	S 60 51	98	33.1573	47.515.73	S 61 21	101	33.2216	47.522.16	S 55 28	94	33.2294	47.522.94	S 55 15	94
33.1517	47.515.17	S 63 08	107	33.1574	47.515.74	S 63 28	109	33.2217	47.522.17	S 55 29	94	33.2295	47.522.95	S 55 17	94
33.1520	47.515.20	S 60 59	100	33.1577	47.515.77	S 61 24	102	33.2218	47.522.18	S 55 30	94	33.2296	47.522.96	S 55 20	94
33.1521	47.515.21	S 62 05	104	33.1579	47.515.79	S 60 08	97	33.2219	47.522.19	S 55 31	94	33.2297	47.522.97	S 55 24	94
33.1522	47.515.22	S 63 13	108	33.1581	47.515.81	S 63 00	105	33.2221	47.522.21	S 55 34	94	33.2298	47.522.98	S 55 33	94
33.1523	47.515.23	S 63 02	106	33.1085	47.515.85	S 61 28	102	33.2222	47.522.22	S 55 02	94	33.2300	47.523.00	S 57 15	95
33.1524	47.515.24	S 63 03	106	33.1700	47.517.00	S 65 03	120	33.2223	47.522.23	S 55 03	94	33.2380	47.523.80	S 20 65	45
33.1525	47.515.25	S 63 12	107	33.1701	47.517.01	S 65 04	120	33.2224	47.522.24	S 55 04	94	33.2381	47.523.81	S 20 66	45
33.1526	47.515.26	S 62 00	103	33.1702	47.517.02	S 65 07	120	33.2225	47.522.25	S 55 05	94	33.2386	47.523.86	S 20 71	45
33.1527	47.515.27	S 60 01	96	33.1703	47.517.03	S 65 06	120	33.2226	47.522.26	S 55 06	94	33.2387	47.523.87	S 20 72	45
33.1528	47.515.28	S 63 05	106	33.1704	47.517.04	S 65 08	120	33.2227	47.522.27	S 55 07	94	33.2401	47.524.01	S 42 51	68
33.1529	47.515.29	S 63 22	110	33.1705	47.517.05	S 65 12	120	33.2228	47.522.28	S 55 08	94	33.2402	47.524.02	S 42 52	68
33.1530	47.515.30	S 63 11	107	33.1706	47.517.06	S 65 05	120	33.2229	47.522.29	S 55 09	94	33.2403	47.524.03	S 42 53	68
33.1531	47.515.31	S 63 14	108	33.1707	47.517.07	S 65 11	120	33.2230	47.522.30	S 56 61	95	33.2404	47.524.04	S 42 54	68
33.1532	47.515.32	S 63 15	108	33.1708	47.517.08	S 65 01	120	33.2231	47.522.31	S 56 01	94	33.2405	47.524.05	S 42 55	68
33.1533	47.515.33	S 63 04	106	33.1709	47.517.09	S 65 10	120	33.2232	47.522.32	S 56 06	94	33.2406	47.524.06	S 42 56	68
33.1534	47.515.34	S 62 02	103	33.1710	47.517.10	S 65 02	120	33.2233	47.522.33	S 56 03	94	33.2407	47.524.07	S 42 57	68
33.1535	47.515.35	S 63 10	107	33.1711	47.517.11	S 65 09	120	33.2234	47.522.34	S 56 05	94	33.2408	47.524.08	S 42 58	68
33.1536	47.515.36	S 60 02	96	33.2086	47.520.86	S 21 80	47	33.2235	47.522.35	S 56 51	95	33.2409	47.524.09	S 42 59	68
33.1537	47.515.37	S 63 62	111	33.2130	47.521.30	S 50 00	90	33.2236	47.522.36	S 56 52	95	33.2410	47.524.10	S 42 60	68
33.1539	47.515.39	S 63 64	111	33.2140	47.521.40	S 50 01	90	33.2237	47.522.37	S 56 53	95	33.2411	47.524.11	S 42 61	68
33.1541	47.515.41	S 63 63	111	33.2141	47.521.41	S 50 02	90	33.2238	47.522.38	S 56 55	95	33.2412	47.524.12	S 42 62	68
33.1542	47.515.42	S 63 21	110	33.2142	47.521.42	S 50 03	90	33.2240	47.522.40	S 56 57	95	33.2413	47.524.13	S 42 01	68
33.1543	47.515.43	S 63 71	111	33.2143	47.521.43	S 50 04	90	33.2241	47.522.41	S 56 58	95	33.2414	47.524.14	S 42 63	68
33.1544	47.515.44	S 63 19	109	33.2144	47.521.44	S 50 05	90	33.2242	47.522.42	S 56 59	95	33.2415	47.524.15	S 42 64	68
33.1545	47.515.45	S 60 54	99	33.2145	47.521.45	S 50 06	90	33.2244	47.522.44	S 56 60	95	33.2416	47.524.16	S 42 65	68
33.1546	47.515.46	S 60 60	100	33.2146	47.521.46	S 50 07	90	33.2248	47.522.48	S 55 10	94	33.2417	47.524.17	S 42 66	68

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

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33.2418	47.524.18	S 42 67	68	33.2528	47.525.28	S 47 58	88	33.3127	47.531.27	S 41 08	67	33.4154	47.541.54	S 03 14	17
33.2419	47.524.19	S 42 04	68	33.2529	47.525.29	S 47 60	88	33.3128	47.531.28	S 41 09	67	33.4155	47.541.55	S 03 13	17
33.2420	47.524.20	S 42 02	68	33.2530	47.525.30	S 47 61	88	33.3129	47.531.29	S 41 10	67	33.4156	47.541.56	S 03 07	17
33.2421	47.524.21	S 42 03	68	33.2531	47.525.31	S 47 62	88	33.3135	47.531.35	S 41 11	67	33.4157	47.541.57	S 14 65	19
33.2422	47.524.22	S 42 68	68	33.2532	47.525.32	S 47 63	88	33.3136	47.531.36	S 41 12	67	...	47.541.59	S 03 56	17
33.2423	47.524.23	S 42 69	68	33.2540	47.525.40	S 47 81	88	33.3137	47.531.37	S 41 13	67	...	47.541.61	S 03 00	17
33.2424	47.524.24	S 42 70	68	33.2541	47.525.41	S 47 10	88	33.3138	47.531.38	S 40 72	66	...	47.541.64	S 05 35	16
33.2425	47.524.25	S 42 71	68	33.2542	47.525.42	S 47 11	88	33.3139	47.531.39	S 40 73	66	...	47.541.66	S 06 31	12
33.2426	47.524.26	S 42 72	68	33.2703	47.527.03	S 42 10	69 ¹	33.3141	47.531.41	S 41 07	67	...	47.541.69	S 03 59	17
33.2427	47.524.27	S 42 73	68	33.2760	47.527.60	S 32 92	59	33.4054	47.540.54	S 02 05	18	33.4170	47.541.70	S 03 21	17 ¹
33.2428	47.524.28	S 42 74	68	33.2761	47.527.61	S 32 93	59	33.4060	47.540.60	S 02 12	18	33.4171	47.541.71	S 03 38	17
33.2429	47.524.29	S 42 75	68	33.2762	47.527.62	S 32 94	59	33.4061	47.540.61	S 02 13	18	33.4172	47.541.72	S 03 34	17
33.2430	47.524.30	S 42 76	68	33.2763	47.527.63	S 32 91	59	33.4069	47.540.69	S 03 61	11	33.4173	47.541.73	S 03 39	17
33.2431	47.524.31	S 42 77	68	33.2889	47.528.89	S 42 42	70	33.4071	47.540.71	S 02 25	18	33.4174	47.541.74	S 03 49	17
33.2432	47.524.32	S 42 78	68	33.2896	47.528.96	S 42 40	70	33.4075	47.540.75	S 02 16	18	33.4175	47.541.75	S 03 50	17
33.2433	47.524.33	S 42 79	68	33.2974	47.529.74	S 42 41	70	33.4076	47.540.76	S 02 17	18	33.4176	47.541.76	S 03 33	17
33.2434	47.524.34	S 42 80	68	33.3014	47.530.14	S 40 71	66	33.4078	47.540.78	S 02 27	18	33.4177	47.541.77	S 03 32	17
33.2435	47.524.35	S 42 81	68	33.3100	47.531.00	S 40 51	65	33.4080	47.540.80	S 02 14	18	33.4178	47.541.78	S 03 45	17
33.2436	47.524.36	S 42 82	68	33.3101	47.531.01	S 40 52	65	33.4081	47.540.81	S 14 66	19	33.4179	47.541.79	S 03 42	17
33.2437	47.524.37	S 42 83	68	33.3102	47.531.02	S 40 53	65	33.4104	47.541.04	S 02 55	18	33.4180	47.541.80	S 03 44	17
33.2438	47.524.38	S 42 84	68	33.3103	47.531.03	S 40 54	65	33.4110	47.541.10	S 02 62	19	33.4181	47.541.81	S 03 53	17
33.2439	47.524.39	S 42 85	68	33.3104	47.531.04	S 40 58	65	33.4111	47.541.11	S 02 63	19	33.4182	47.541.82	S 03 48	17
33.2440	47.524.40	S 42 86	68	33.3105	47.531.05	S 40 59	65	...	47.541.14	S 16 08	21	33.4183	47.541.83	S 03 51	17
33.2441	47.524.41	S 42 87	68	33.3106	47.531.06	S 40 60	65	33.4119	47.541.19	S 03 62	11	33.4184	47.541.84	S 03 52	17
33.2442	47.524.42	S 42 88	68	33.3107	47.531.07	S 40 69	65	33.4121	47.541.21	S 02 75	19	...	47.541.85	S 03 55	17
33.2443	47.524.43	S 42 89	68	33.3108	47.531.08	S 40 81	66	33.4127	47.541.27	S 02 76	19	33.4186	47.541.86	S 03 58	17
33.2501	47.525.01	S 47 01	88	33.3109	47.531.09	S 40 55	65	33.4129	47.541.29	S 02 77	19	33.4187	47.541.87	S 05 51	16
33.2502	47.525.02	S 47 02	88	33.3110	47.531.10	S 40 61	65	33.4130	47.541.30	S 03 46	17 ¹	33.4188	47.541.88	S 03 43	17
33.2503	47.525.03	S 47 03	88	33.3111	47.531.11	S 41 04	67	33.4131	47.541.31	S 02 78	19	33.4189	47.541.89	S 03 47	12
33.2504	47.525.04	S 47 04	88	33.3112	47.531.12	S 40 56	65	33.4132	47.541.32	S 02 84	19	...	47.541.90	S 03 36	17
33.2506	47.525.06	S 47 05	88	33.3113	47.531.13	S 40 62	65	33.4133	47.541.33	S 02 85	19	33.4193	47.541.92	S 03 41	17
33.2507	47.525.07	S 47 06	88	33.3114	47.531.14	S 40 63	65	33.4135	47.541.35	S 03 09	17	...	47.541.98	S 03 19	17
33.2508	47.525.08	S 47 07	88	33.3115	47.531.15	S 40 64	65	33.4136	47.541.36	S 03 37	17	...	47.541.99	S 03 24	17
33.2509	47.525.09	S 47 08	88	33.3116	47.531.16	S 40 57	65	33.4137	47.541.37	S 03 01	17	33.4200	47.542.00	S 04 00	14
33.2510	47.525.10	S 47 09	88	33.3117	47.531.17	S 40 66	65	33.4138	47.541.38	S 03 31	17	33.4201	47.542.01	S 04 01	14
33.2520	47.525.20	S 47 55	88	33.3118	47.531.18	S 40 67	65	33.4139	47.541.39	S 03 11	17	33.4202	47.542.02	S 04 02	14
33.2521	47.525.21	S 47 54	88	33.3119	47.531.19	S 40 68	65	33.4140	47.541.40	S 03 40	17	33.4203	47.542.03	S 04 03	14
33.2522	47.525.22	S 47 53	88	33.3120	47.531.20	S 40 70	65	33.4141	47.541.41	S 03 63	11	33.4204	47.542.04	S 04 04	14
33.2523	47.525.23	S 47 52	88	33.3122	47.531.22	S 41 01	66	33.4142	47.541.42	S 02 64	19	33.4205	47.542.05	S 04 05	14
33.2524	47.525.24	S 47 51	88	33.3123	47.531.23	S 41 02	67	33.4150	47.541.50	S 02 26	18	33.4206	47.542.06	S 04 06	14
33.2525	47.525.25	S 47 56	88	33.3124	47.531.24	S 41 03	67	33.4151	47.541.51	S 03 04	17	33.4207	47.542.07	S 04 07	14
33.2526	47.525.26	S 47 57	88	33.3125	47.531.25	S 41 05	67	33.4152	47.541.52	S 03 03	17	33.4208	47.542.08	S 04 08	14
33.2527	47.525.27	S 47 59	88	33.3126	47.531.26	S 41 06	67	33.4153	47.541.53	S 02 28	18	33.4209	47.542.09	S 04 09	14

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33.4210	47.542.10	S 04 1A	14	33.4401	47.543.60	S 04 43	13	33.4302	47.545.02	S 03 95	19	...	47.548.18	S 04 97	15
33.4211	47.542.11	S 04 1B	14	33.4402	47.543.61	S 04 41	13	33.4303	47.545.03	S 03 98	19	33.4820	47.548.20	S 04 71	15
33.4212	47.542.12	S 04 1C	14	33.4403	47.543.62	S 04 44	13	33.4304	47.545.04	S 03 94	19	33.4821	47.548.21	S 04 93	15
33.4213	47.542.13	S 04 1D	14	33.4405	47.543.63	S 04 35	13	33.4305	47.545.05	S 03 89	19	33.4824	47.548.24	S 04 85	15
33.4214	47.542.14	S 04 1E	14	33.4407	47.543.64	S 04 36	13	33.4306	47.545.06	S 03 93	19	33.4825	47.548.25	S 04 81	15
33.4215	47.542.15	S 04 1F	14	33.4409	47.543.65	S 04 37	13	33.4307	47.545.07	S 03 90	19	...	47.548.50	S 05 39	16
...	47.542.37	S 04 11	14	33.4406	47.543.66	S 04 39	13	33.4309	47.545.09	S 03 91	19	33.4050	47.548.50	S 02 01	18
...	47.542.38	S 04 11	14	33.4404	47.543.67	S 04 40	13	33.4321	47.545.21	S 03 87	11	33.4051	47.548.51	S 02 02	18
33.4240	47.542.40	S 04 00	14	33.4411	47.543.76	S 04 45	13	33.4322	47.545.22	S 03 85	11	33.4052	47.548.52	S 02 03	18
33.4241	47.542.41	S 04 01	14	...	47.543.84	S 05 32	16	33.4323	47.545.23	S 03 88	11	33.4053	47.548.53	S 02 04	18
33.4242	47.542.42	S 04 02	14	...	47.543.85	S 05 31	16	33.4324	47.545.24	S 03 84	11	33.4055	47.548.55	S 02 06	18
33.4243	47.542.43	S 04 03	14	...	47.543.87	S 06 17	12	33.4325	47.545.25	S 03 79	11	33.4056	47.548.56	S 02 07	18
33.4244	47.542.44	S 04 04	14	...	47.543.88	S 06 12	12	33.4326	47.545.26	S 03 83	11	33.4057	47.548.57	S 02 08	18
33.4245	47.542.45	S 04 05	14	...	47.543.89	S 06 15	12	33.4327	47.545.27	S 03 80	11	33.4058	47.548.58	S 02 09	18
33.4246	47.542.46	S 04 06	14	...	47.543.90	S 06 11	12	33.4529	47.545.29	S 03 81	11	33.4059	47.548.59	S 02 10	18
33.4247	47.542.47	S 04 07	14	...	47.543.91	S 06 14	12	33.4331	47.545.31	S 03 77	11	33.4062	47.548.62	S 02 15	18
33.4248	47.542.48	S 04 08	14	...	47.543.92	S 06 13	12	33.4332	47.545.32	S 03 76	11	33.4063	47.548.63	S 02 23	18
33.4249	47.542.49	S 04 09	14	...	47.543.94	S 06 16	12	33.4333	47.545.33	S 03 78	11	33.4064	47.548.64	S 02 19	18
33.4250	47.542.50	S 04 1A	14	33.4400	47.544.00	S 04 42	13	33.4334	47.545.34	S 03 75	11	33.4065	47.548.65	S 02 20	18
33.4251	47.542.51	S 04 1B	14	33.4408	47.544.08	S 04 38	13	33.4335	47.545.35	S 03 71	11	33.4066	47.548.66	S 02 18	18
33.4252	47.542.52	S 04 1C	14	33.4410	47.544.10	S 04 46	13	33.4336	47.545.36	S 03 74	11	33.4067	47.548.67	S 02 21	18
33.4253	47.542.53	S 04 1D	14	33.4413	47.544.13	S 04 47	13	33.4337	47.545.37	S 03 72	11	33.4068	47.548.68	S 02 22	18
33.4254	47.542.54	S 04 1E	14	33.4412	47.544.16	S 04 48	13	33.4339	47.545.39	S 03 73	11	33.4069	47.548.69	S 03 68	11
33.4255	47.542.55	S 04 1F	14	33.4420	47.544.20	S 03 64	11	...	47.545.86	S 06 01	12	33.4070	47.548.70	S 02 24	18
...	47.542.76	S 03 57	17	33.4421	47.544.21	S 03 65	11	...	47.545.99	S 05 38	16	33.4082	47.548.82	S 02 11	18
33.4300	47.543.00	S 03 96	19	33.4422	47.544.22	S 04 61	14	...	47.545.99	S 06 21	12	33.4100	47.549.00	S 02 51	18
33.4308	47.543.08	S 03 92	19	33.4423	47.544.23	S 04 62	14	...	47.546.00	S 03 25	17	33.4101	47.549.01	S 02 52	18
...	47.543.10	S 06 33	12	33.4424	47.544.24	S 04 65	14	...	47.546.01	S 03 26	17	33.4102	47.549.02	S 02 53	18
...	47.543.11	S 06 36	12	33.4425	47.544.25	S 04 63	14	...	47.546.31	S 04 29	13	33.4103	47.549.03	S 02 54	18
...	47.543.12	S 06 32	12	33.4427	47.544.27	S 04 10	14 ¹	...	47.546.32	S 04 27	13	33.4105	47.549.05	S 02 56	19
...	47.543.13	S 06 35	12	...	47.544.28	S 05 33	16	...	47.546.33	S 04 30	13	33.4106	47.549.06	S 02 57	19
...	47.543.14	S 06 34	12	...	47.544.28	S 05 41	16	...	47.546.34	S 04 26	13	33.4107	47.549.07	S 02 58	19
...	47.543.15	S 06 38	12	...	47.544.29	S 05 33	16	...	47.546.35	S 04 21	13	33.4108	47.549.08	S 02 59	19
...	47.543.16	S 06 37	12	...	47.544.29	S 05 40	16	...	47.546.36	S 04 25	13	33.4109	47.549.09	S 02 60	19
...	47.543.17	S 06 39	12	33.4454	47.544.54	S 03 66	14	...	47.546.37	S 04 22	13	33.4112	47.549.12	S 02 65	19
33.4320	47.543.20	S 03 86	11	33.4455	47.544.55	S 03 67	14	...	47.546.39	S 04 23	13	33.4113	47.549.13	S 02 73	19
33.4328	47.543.28	S 03 82	11	33.4470	47.544.70	S 04 15	14	...	47.548.11	S 04 95	15	33.4114	47.549.14	S 02 69	19
33.4340	47.543.40	S 04 55	14	33.4471	47.544.71	S 04 16	14	...	47.548.12	S 04 98	15	33.4115	47.549.15	S 02 70	19
33.4341	47.543.41	S 04 56	14	33.4480	47.544.80	S 05 18	16	...	47.548.13	S 04 99	15	33.4116	47.549.16	S 02 68	19
33.4342	47.543.42	S 04 54	14	33.4481	47.544.81	S 05 19	16	...	47.548.14	S 04 92	15	33.4117	47.549.17	S 02 71	19
33.4343	47.543.43	S 04 52	14	33.4482	47.544.82	S 05 15	16	...	47.548.15	S 04 91	15	33.4118	47.549.18	S 02 72	19
33.4344	47.543.44	S 04 53	14	33.4483	47.544.83	S 05 16	16	...	47.548.16	S 04 96	15	33.4119	47.549.19	S 03 70	11
33.4345	47.543.45	S 04 51	14	33.4301	47.545.01	S 03 97	19	...	47.548.17	S 04 94	15	33.4120	47.549.20	S 02 74	19

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33.4125	47.549.25	S 02 66	19	33.5655	47.556.55	S 35 21	61	33.5745	47.557.45	S 36 55	64	33.5825	47.558.25	S 36 03	63
33.4126	47.549.26	S 02 67	19	33.5656	47.556.56	S 00 11	20	33.5746	47.557.46	S 36 56	64	33.5851	47.558.51	S 36 17	63'
33.4134	47.549.34	S 02 61	19	...	47.556.57	S 35 28	61	33.5747	47.557.47	S 40 01	55	33.5852	47.558.52	S 36 18	63'
33.4141	47.549.41	S 03 69	11	...	47.556.58	S 35 31	61	33.5748	47.557.48	S 36 57	64	33.5853	47.558.53	S 36 19	63
33.5100	47.551.00	S 01 01	20	...	47.556.74	S 35 48	63'	33.5750	47.557.50	S 36 58	64	33.5854	47.558.54	S 36 10	63
33.5101	47.551.01	S 01 02	20	33.5675	47.556.75	S 35 91	63	33.5751	47.557.51	S 36 59	64	33.5855	47.558.55	S 36 02	63'
33.5102	47.551.02	S 01 03	20	33.5677	47.556.77	S 35 89	63'	33.5752	47.557.52	S 36 60	64	33.5870	47.558.70	S 36 07	63'
33.5103	47.551.03	S 01 04	20	33.5678	47.556.78	S 35 69	63	33.5753	47.557.53	S 36 61	64	33.5871	47.558.71	S 36 08	63'
33.5104	47.551.04	S 01 05	20	33.5679	47.556.79	S 36 16	63'	33.5754	47.557.54	S 36 62	64	33.5872	47.558.72	S 36 20	64'
33.5105	47.551.05	S 01 06	20	33.5680	47.556.80	S 36 84	64	33.5755	47.557.55	S 36 63	64	33.5873	47.558.73	S 36 13	63'
33.5106	47.551.06	S 01 07	20	33.5690	47.556.90	S 36 48	64	33.5756	47.557.56	S 36 64	64	33.5874	47.558.74	S 36 14	63'
33.5107	47.551.07	S 01 08	20	33.5691	47.556.91	S 36 49	64	33.5768	47.557.68	S 36 47	64'	33.5875	47.558.75	S 36 21	64'
33.5108	47.551.08	S 01 09	20	33.5692	47.556.92	S 36 50	64	33.5769	47.557.69	S 36 83	64'	33.5876	47.558.76	S 36 11	63'
33.5109	47.551.09	S 01 10	20	33.5693	47.556.93	S 36 52	64	33.5782	47.557.82	S 35 42	62'	33.5877	47.558.77	S 36 81	64'
33.5110	47.551.10	S 61 09	101	33.5694	47.556.94	S 36 53	64	33.5784	47.557.84	S 63 30	109	33.5878	47.558.78	S 36 82	64'
33.5111	47.551.11	S 61 08	101	33.5695	47.556.95	S 36 54	64	...	47.557.85	S 35 35	62'	33.5881	47.558.81	S 36 12	63'
33.5112	47.551.12	S 61 07	101	33.5696	47.556.96	S 36 51	64	...	47.557.86	S 35 36	62'	33.5900	47.559.00	S 61 04	101
...	47.552.00	S 00 01	20	...	47.557.04	S 35 47	63'	...	47.557.87	S 35 37	62'	33.5901	47.559.01	S 61 05	101
...	47.552.01	S 00 02	20	...	47.557.07	S 35 46	63'	...	47.557.91	S 35 38	62'	33.5902	47.559.02	S 61 03	101
...	47.552.02	S 00 03	20	33.5709	47.557.09	S 35 67	62'	...	47.557.92	S 35 39	62'	33.5903	47.559.03	S 61 06	101
...	47.552.03	S 00 04	20	33.5710	47.557.10	S 35 51	62'	...	47.557.95	S 35 40	62'	...	47.559.45	S 35 45	63'
...	47.552.04	S 00 05	20	33.5712	47.557.12	S 35 53	62'	33.5800	47.558.00	S 34 21	60	...	47.559.46	S 35 44	63'
...	47.552.05	S 00 06	20	33.5716	47.557.16	S 35 73	62'	33.5801	47.558.01	S 34 31	60	33.6001	47.560.01	S 10 01	31
...	47.552.06	S 00 07	20	33.5719	47.557.19	S 35 68	63'	33.5802	47.558.02	S 34 20	60	33.6003	47.560.03	S 10 03	31
...	47.552.07	S 00 08	20	33.5721	47.557.21	S 35 62	62'	33.5803	47.558.03	S 34 08	60	33.6004	47.560.04	S 10 04	31
...	47.552.08	S 00 09	20	33.5722	47.557.22	S 35 63	62'	33.5804	47.558.04	S 34 07	60	33.6005	47.560.05	S 10 05	31
...	47.552.09	S 00 10	20	33.5723	47.557.23	S 35 55	62'	33.5805	47.558.05	S 34 09	60	33.6006	47.560.06	S 10 06	31
...	47.556.06	S 35 29	61	33.5724	47.557.24	S 35 65	62'	33.5805	47.558.05	S 34 41	60	33.6007	47.560.07	S 10 13	31
...	47.556.20	S 35 32	61	33.5725	47.557.25	S 35 70	63	33.5806	47.558.06	S 34 35	60	33.6008	47.560.08	S 10 14	31
33.5641	47.556.41	S 34 36	60	33.5726	47.557.26	S 35 76	62'	33.5807	47.558.07	S 34 13	60	33.6009	47.560.09	S 10 15	31
33.5642	47.556.42	S 35 01	61	33.5727	47.557.27	S 35 66	62'	33.5808	47.558.08	S 34 02	60	33.6010	47.560.10	S 10 16	31
33.5643	47.556.43	S 35 24	61	33.5728	47.557.28	S 35 71	62'	33.5809	47.558.09	S 34 29	60	33.6011	47.560.11	S 10 17	31
33.5644	47.556.44	S 35 02	61	33.5729	47.557.29	S 35 92	63'	33.5811	47.558.11	S 34 15	60	33.6012	47.560.12	S 10 18	31
33.5645	47.556.45	S 35 12	61	33.5731	47.557.31	S 35 64	62'	33.5812	47.558.12	S 34 18	60	33.6013	47.560.13	S 10 25	31
33.5646	47.556.46	S 35 05	61	33.5733	47.557.33	S 35 52	62'	33.5814	47.558.14	S 34 14	60	33.6014	47.560.14	S 10 26	31
33.5647	47.556.47	S 35 04	61	33.5734	47.557.34	S 35 54	62'	33.5815	47.558.15	S 34 42	60	33.6015	47.560.15	S 10 27	32
33.5648	47.556.48	S 35 03	61	33.5735	47.557.35	S 35 86	62'	33.5817	47.558.17	S 34 01	60	33.6016	47.560.16	S 10 28	32
33.5649	47.556.49	S 35 06	61	33.5736	47.557.36	S 36 46	64'	33.5818	47.558.18	S 34 04	60	33.6017	47.560.17	S 10 29	32
33.5650	47.556.50	S 35 07	61	33.5737	47.557.37	S 36 42	64'	33.5819	47.558.19	S 34 05	60	33.6018	47.560.18	S 10 30	32
33.5651	47.556.51	S 35 15	61	33.5738	47.557.38	S 36 43	64'	33.5820	47.558.20	S 34 06	60	33.6020	47.560.20	S 10 35	32
33.5652	47.556.52	S 35 14	61	33.5739	47.557.39	S 36 44	64'	33.5821	47.558.21	S 34 43	60	33.6021	47.560.21	S 10 36	32
33.5653	47.556.53	S 35 11	61	33.5740	47.557.40	S 36 45	64'	33.5822	47.558.22	S 34 38	60	33.6022	47.560.22	S 10 37	32
33.5654	47.556.54	S 35 08	61	33.5743	47.557.43	S 35 41	62'	33.5824	47.558.24	S 36 01	63'	33.6023	47.560.23	S 10 38	32

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33.6024	47.560.24	S 10 39	32	33.6072	47.560.72	S 10 77	33	33.6142	47.561.42	S 19 11	28	33.6201	47.562.01	S 19 61	27
33.6025	47.560.25	S 10 85	33	33.6074	47.560.74	S 10 66	32	33.6143	47.561.43	S 19 12	28	33.6202	47.562.02	S 19 62	27
33.6026	47.560.26	S 10 86	33	33.6075	47.560.75	S 10 67	32	33.6144	47.561.44	S 19 06	28	33.6203	47.562.03	S 19 63	27
33.6028	47.560.28	S 10 58	32	33.6078	47.560.78	S 10 79	33	33.6145	47.561.45	S 19 07	28	33.6204	47.562.04	S 19 64	27
33.6029	47.560.29	S 10 42	32	33.6079	47.560.79	S 10 43	32	33.6146	47.561.46	S 19 09	28	33.6205	47.562.05	S 19 65	27
33.6030	47.560.30	S 10 52	32	33.6080	47.560.80	S 10 44	32	33.6147	47.561.47	S 19 13	28	33.6206	47.562.06	S 19 66	27
33.6031	47.560.31	S 10 59	32	33.6081	47.560.81	S 10 45	32	33.6148	47.561.48	S 19 14	28	33.6207	47.562.07	S 19 67	27
33.6032	47.560.32	S 10 69	33	33.6082	47.560.82	S 10 46	32	33.6149	47.561.49	S 19 23	28	33.6208	47.562.08	S 19 68	27
33.6033	47.560.33	S 10 71	33	33.6083	47.560.83	S 10 47	32	33.6150	47.561.50	S 19 34	28	33.6209	47.562.09	S 19 69	27
33.6034	47.560.34	S 10 70	33	33.6084	47.560.84	S 10 48	32	33.6151	47.561.51	S 19 24	28	33.6210	47.562.10	S 16 10	21
33.6035	47.560.35	S 10 72	33	33.6085	47.560.85	S 10 49	32	33.6152	47.561.52	S 19 18	28	33.6211	47.562.11	S 16 09	21
33.6036	47.560.36	S 10 64	32	33.6086	47.560.86	S 10 50	32	33.6153	47.561.53	S 19 19	28	33.6300	47.563.00	S 18 48	30
33.6037	47.560.37	S 10 60	32	33.6087	47.560.87	S 14 55	38	33.6154	47.561.54	S 19 20	28	33.6301	47.563.01	S 16 85	21
33.6038	47.560.38	S 10 73	33	33.6088	47.560.88	S 14 58	38	33.6155	47.561.55	S 19 21	28	...	47.563.03	S 16 86	21
33.6039	47.560.39	S 10 75	33	33.6089	47.560.89	S 14 57	38	33.6157	47.561.57	S 19 29	28	33.6500	47.565.00	S 25 71	49
33.6040	47.560.40	S 10 74	33	33.6091	47.560.91	S 14 56	38	33.6158	47.561.58	S 19 22	28	33.6501	47.565.01	S 25 11	49
33.6041	47.560.41	S 10 76	33	33.6092	47.560.92	S FP 02	31	33.6159	47.561.59	S 19 28	28	33.6502	47.565.02	S 25 73	49
33.6042	47.560.42	S 10 80	33	33.6093	47.560.93	S FP 01	31	33.6160	47.561.60	S 19 26	28	33.6503	47.565.03	S 25 17	49
33.6043	47.560.43	S 10 07	31	33.6094	47.560.94	S FP 03	31	33.6163	47.561.63	S 19 03	28	33.6504	47.565.04	S 25 72	49
33.6044	47.560.44	S 10 08	31	33.6100	47.561.00	S 16 01	21	33.6164	47.561.64	S 19 05	28	33.6505	47.565.05	S 25 15	49
33.6045	47.560.45	S 10 09	31	33.6101	47.561.01	S 18 02	30	33.6165	47.561.65	S 19 04	28	33.6506	47.565.06	S 25 74	49
33.6046	47.560.46	S 10 11	31	33.6102	47.561.02	S 16 06	21	...	47.561.68	S 19 45	28	33.6507	47.565.07	S 25 19	49
33.6047	47.560.47	S 10 10	31	33.6103	47.561.03	S 18 05	21	...	47.561.69	S 19 38	28	33.6715	47.567.15	S 14 51	38
33.6048	47.560.48	S 10 12	31	...	47.561.06	S 16 91	21	...	47.561.70	S 19 36	28	...	47.567.20	S 14 21	34
33.6049	47.560.49	S 10 19	31	...	47.561.07	S 16 92	21	...	47.561.71	S 19 37	28	33.6751	47.567.51	S 12 01	33
33.6050	47.560.50	S 10 20	31	...	47.561.08	S 16 93	21	...	47.561.72	S 19 39	28	33.6752	47.567.52	S 12 02	33
33.6051	47.560.51	S 10 21	31	...	47.561.09	S 16 94	21	...	47.561.73	S 19 40	28	33.6753	47.567.53	S 12 03	33
33.6052	47.560.52	S 10 22	31	...	47.561.10	S 16 95	21	...	47.561.74	S 19 41	28	33.6754	47.567.54	S 12 04	33
33.6053	47.560.53	S 10 23	31	...	47.561.11	S 16 96	21	...	47.561.75	S 19 42	28	33.6755	47.567.55	S 12 05	33
33.6054	47.560.54	S 10 24	31	...	47.561.12	S 16 97	21	...	47.561.77	S 19 44	28	33.6756	47.567.56	S 12 06	33
33.6055	47.560.55	S 10 84	33	...	47.561.13	S 16 98	21	...	47.561.80	S 17 60	27	33.6757	47.567.57	S 12 07	33
33.6056	47.560.56	S 10 81	33	...	47.561.15	S 16 11	21	...	47.561.81	S 17 61	27	33.6758	47.567.58	S 12 08	33
33.6057	47.560.57	S 10 41	32	...	47.561.16	S 16 07	21	...	47.561.82	S 17 86	27	33.6759	47.567.59	S 12 09	33
33.6058	47.560.58	S 10 31	32	...	47.561.17	S 16 99	21	...	47.561.83	S 17 67	27	33.6760	47.567.60	S 12 10	33
33.6063	47.560.63	S 10 51	32	33.6120	47.561.20	S 16 72	27	...	47.561.84	S 17 62	27	33.6761	47.567.61	S 12 11	33
33.6064	47.560.64	S 10 61	32	33.6121	47.561.21	S 18 23	30	...	47.561.85	S 17 63	27	33.6762	47.567.62	S 12 12	34
33.6065	47.560.65	S 10 62	32	33.6122	47.561.22	S 16 75	27	...	47.561.90	S 17 80	27	...	47.567.63	S 30 20	57 ¹⁾
33.6066	47.560.66	S 10 63	32	33.6123	47.561.23	S 18 21	27	...	47.561.91	S 17 81	27	33.6763	47.567.63	S 12 13	34
33.6067	47.560.67	S 10 53	32	33.6124	47.561.24	S 18 22	30	...	47.561.92	S 17 82	27	33.6764	47.567.64	S 12 14	34
33.6068	47.560.68	S 10 54	32	...	47.561.33	S 19 35	28	...	47.561.93	S 17 83	27	33.6765	47.567.65	S 12 15	34
33.6069	47.560.69	S 10 55	32	...	47.561.39	S 19 43	28	...	47.561.94	S 17 84	27	33.6766	47.567.66	S 12 16	34
33.6070	47.560.70	S 10 56	32	33.6140	47.561.40	S 19 01	28	...	47.561.95	S 17 85	27	33.6767	47.567.67	S 12 17	34
33.6071	47.560.71	S 10 57	32	33.6141	47.561.41	S 19 10	28	33.6200	47.562.00	S 19 70	27	33.6768	47.567.68	S 12 18	34

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33.6769	47.567.69	S 12 19	34	33.6813	47.568.13	S 12 63	35	33.6857	47.568.57	S 12 97	36	...	47.575.24	S 32 01	56 ¹
33.6770	47.567.70	S 12 20	34	33.6059	47.568.14	S 10 32	32	33.6858	47.568.58	S 12 98	36	...	47.575.25	S 31 15	56 ¹
33.6771	47.567.71	S 12 21	34	33.6815	47.568.15	S 12 65	35	33.6859	47.568.59	S 12 99	36	...	47.575.26	S 30 08	56 ¹
33.6772	47.567.72	S 12 22	34	33.6816	47.568.16	S 12 69	35	33.6860	47.568.60	S 13 01	36	...	47.575.31	S 30 32	57 ¹
33.6773	47.567.73	S 12 23	34	33.6817	47.568.17	S 12 68	35	33.6861	47.568.61	S 13 00	36	...	47.575.32	S 30 34	57 ¹
33.6774	47.567.74	S 12 24	34	33.6818	47.568.18	S 12 66	35	33.6862	47.568.62	S 13 02	36	...	47.575.35	S 30 30	57 ¹
33.6775	47.567.75	S 12 25	34	33.6819	47.568.19	S 12 67	35	33.6863	47.568.63	S 13 03	36	...	47.575.37	S 30 29	57 ¹
33.6776	47.567.76	S 12 26	34	33.6820	47.568.20	S 12 70	35	33.6864	47.568.64	S 13 04	36	33.7540	47.575.40	S 30 51	57 ¹
33.6777	47.567.77	S 12 27	34	33.6821	47.568.21	S 12 71	35	33.6076	47.568.66	S 10 68	32	33.7541	47.575.41	S 32 15	59 ¹
33.6778	47.567.78	S 12 28	34	33.6822	47.568.22	S 12 73	35	33.6867	47.568.67	S 13 07	36	33.7542	47.575.42	S 30 52	57 ¹
33.6779	47.567.79	S 12 29	34	33.6823	47.568.23	S 12 72	35	33.6077	47.568.68	S 10 78	33	33.7543	47.575.43	S 30 53	57 ¹
33.6780	47.567.80	S 12 30	34	33.6824	47.568.24	S 12 74	35	33.6869	47.568.69	S 13 09	36	33.7544	47.575.44	S 30 54	57 ¹
33.6781	47.567.81	S 12 31	34	33.6825	47.568.25	S 12 75	35	33.6043	47.568.70	S 13 10	36	33.7545	47.575.45	S 30 55	57 ¹
33.6782	47.567.82	S 12 32	34	33.6826	47.568.26	S 12 76	35	33.6002	47.568.71	S 10 02	31	33.7546	47.575.46	S 30 56	57 ¹
33.6783	47.567.83	S 12 33	34	33.6827	47.568.27	S 12 77	35	33.6872	47.568.72	S 13 12	36	33.7547	47.575.47	S 30 57	57 ¹
33.6784	47.567.84	S 12 34	34	33.6828	47.568.28	S 12 79	35	33.6056	47.568.73	S 13 13	36	33.7548	47.575.48	S 30 58	57 ¹
33.6785	47.567.85	S 12 35	34	33.6829	47.568.29	S 12 78	35	33.6061	47.568.74	S 10 82	33	33.7549	47.575.49	S 30 61	57 ¹
33.6786	47.567.86	S 12 36	34	33.6830	47.568.30	S 12 80	35	33.6875	47.568.75	S 13 15	36	33.7550	47.575.50	S 30 62	57 ¹
33.6787	47.567.87	S 12 37	34	33.6831	47.568.31	S 12 81	35	33.6062	47.568.76	S 10 83	33	33.7551	47.575.51	S 30 63	57 ¹
33.6788	47.567.88	S 12 38	34	33.6832	47.568.32	S 12 82	35	33.6876	47.568.76	S 10 83	33	33.7554	47.575.54	S 30 64	57 ¹
33.6789	47.567.89	S 12 39	34	33.6833	47.568.33	S 12 83	36	33.6877	47.568.77	S 14 23	36	33.7555	47.575.55	S 30 65	57 ¹
33.6790	47.567.90	S 12 40	34	33.6834	47.568.34	S 12 85	36	33.6878	47.568.78	S 14 22	36	33.7557	47.575.57	S 30 66	57 ¹
33.6791	47.567.91	S 12 41	34	33.6835	47.568.35	S 12 84	36	...	47.568.81	S 14 87	38	33.7560	47.575.60	S 30 67	57 ¹
33.6792	47.567.92	S 12 42	34	33.6836	47.568.36	S 12 86	36	33.7000	47.570.00	S 32 71	59	33.7561	47.575.61	S 30 68	57 ¹
33.6793	47.567.93	S 12 43	34	33.6837	47.568.37	S 12 87	36	...	47.574.02	S 31 08	56 ¹	33.7566	47.575.62	S 30 59	57 ¹
33.6794	47.567.94	S 12 44	34	33.6838	47.568.38	S 12 88	36	...	47.574.03	S 30 11	56 ¹	33.7567	47.575.67	S 30 60	57 ¹
33.6795	47.567.95	S 12 45	34	33.6027	47.568.39	S 10 40	32	...	47.574.11	S 30 16	56 ¹	33.7569	47.575.69	S 30 71	57 ¹
33.6797	47.567.97	S 12 47	35	33.6073	47.568.40	S 10 65	32	33.7500	47.575.00	S 30 01	56 ¹	33.7570	47.575.70	S 30 85	57 ¹
33.6060	47.567.98	S 10 33	32	33.6841	47.568.41	S 12 91	36	33.7501	47.575.01	S 30 06	56 ¹		47.575.71	S 30 28	57 ¹
33.6799	47.567.99	S 12 49	35	33.6842	47.568.42	S 12 92	36	33.7502	47.575.02	S 30 12	56 ¹	33.7572	47.575.72	S 32 72	59 ¹
33.6019	47.568.00	S 10 34	32	33.6843	47.568.43	S 12 93	36	33.7503	47.575.03	S 30 09	56 ¹	33.7572	47.575.72	S 30 79	57 ¹
33.6801	47.568.01	S 12 51	35	33.6844	47.568.44	S 12 94	36	33.7504	47.575.04	S 30 03	56 ¹	33.7573	47.575.73	S 32 76	59 ¹
33.6802	47.568.02	S 12 52	35	33.6845	47.568.45	S 12 95	36	33.7505	47.575.05	S 31 04	56 ¹	33.7573	47.575.73	S 30 80	57 ¹
33.6803	47.568.03	S 12 53	35	33.6846	47.568.46	S 12 96	36	33.7506	47.575.06	S 31 03	56 ¹	33.7574	47.575.74	S 32 74	59 ¹
33.6804	47.568.04	S 12 54	35	33.6848	47.568.48	S 13 85	37	33.7507	47.575.07	S 31 01	56 ¹	33.7574	47.575.74	S 30 81	57 ¹
33.6805	47.568.05	S 12 55	35	33.6849	47.568.49	S 13 83	37	33.7508	47.575.08	S 30 07	56 ¹		47.575.75	S 30 26	57 ¹
33.6806	47.568.06	S 12 56	35	33.6850	47.568.50	S 13 87	37	33.7509	47.575.09	S 31 02	56 ¹	33.7577	47.575.77	S 32 56	59
33.6807	47.568.07	S 12 57	35	33.6851	47.568.51	S 13 89	37	33.7510	47.575.10	S 31 07	56 ¹	33.7578	47.575.78	S 32 16	59
33.6808	47.568.08	S 12 58	35	33.6852	47.568.52	S 13 82	37	33.7511	47.575.11	S 31 10	56 ¹	33.7579	47.575.79	S 30 70	57
33.6809	47.568.09	S 12 59	35	33.6853	47.568.53	S 13 86	37	33.7514	47.575.14	S 31 09	56 ¹	33.7579	47.575.79	S 32 70	59
33.6810	47.568.10	S 12 61	35	33.6854	47.568.54	S 13 84	37	33.7515	47.575.15	S 31 12	56 ¹	33.7580	47.575.80	S 30 73	57 ¹
33.6811	47.568.11	S 12 60	35	33.6855	47.568.55	S 13 88	37	33.7516	47.575.16	S 30 02	56 ¹	33.7581	47.575.81	S 30 74	57 ¹
33.6812	47.568.12	S 12 62	35	33.6856	47.568.56	S 13 90	37	...	47.575.23	S 32 31	56 ¹	33.7582	47.575.82	S 30 75	57 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
33.7583	47.575.83	S 30 76	57 ¹	...	47.576.46	S 30 21	57 ¹	33.8522	47.585.22	S 40 65	65	33.8570	47.585.70	S 39 54	53
33.7584	47.575.84	S 30 77	57 ¹	33.7650	47.576.50	S 31 81	58 ¹	...	47.585.23	S 40 22	55	33.8574	47.585.74	S 40 16	55
33.7585	47.575.85	S 30 78	57 ¹	...	47.576.51	S 30 22	57 ¹	33.8530	47.585.30	S 40 11	55	33.8574	47.585.74	S 39 91	54
33.7586	47.575.86	S 31 76	58 ¹	33.7651	47.576.51	S 32 00	58 ¹	33.8530	47.585.30	S 38 51	52	33.8575	47.585.75	S 40 12	55
33.7587	47.575.87	S 31 54	58 ¹	33.7660	47.576.60	S 31 82	58 ¹	33.8531	47.585.31	S 38 52	52	33.8576	47.585.76	S 39 59	53
33.7588	47.575.88	S 30 36	58 ¹	33.7668	47.576.68	S 30 72	57 ¹	33.8532	47.585.32	S 40 13	55	...	47.585.80	S 39 31	53
33.7590	47.575.90	S 31 77	58 ¹	...	47.576.69	S 30 23	57	33.8532	47.585.32	S 38 53	52	...	47.585.81	S 40 21	55
33.7591	47.575.91	S 31 78	58 ¹	33.7670	47.576.70	S 31 83	58 ¹	33.8533	47.585.33	S 38 54	52	...	47.585.82	S 38 84	52
33.7596	47.575.96	S 31 79	58 ¹	...	47.576.71	S 30 31	57 ¹	33.8534	47.585.34	S 38 73	52	...	47.585.83	S 40 23	55
33.7597	47.575.97	S 31 80	58 ¹	33.7673	47.576.73	S 31 86	58 ¹	...	47.585.35	S 38 81	52	...	47.585.84	S 38 79	52
33.7598	47.575.98	S 32 58	59	33.7680	47.576.80	S 31 84	58 ¹	33.8536	47.585.36	S 38 55	52	33.8585	47.585.85	S 39 61	53
33.7600	47.576.00	S 31 72	58 ¹	33.7681	47.576.81	S 31 85	58 ¹	33.8537	47.585.37	S 38 56	52	33.8587	47.585.87	S 39 62	53
33.7601	47.576.01	S 31 73	58 ¹	...	47.576.92	S 30 39	59 ¹	33.8539	47.585.39	S 38 57	52	...	47.585.93	S 38 82	52
33.7604	47.576.04	S 31 74	58 ¹	...	47.576.98	S 30 27	57 ¹	33.8540	47.585.40	S 38 59	52	33.8619	47.586.19	S 40 02	55
33.7605	47.576.05	S 31 75	58 ¹	...	47.576.99	S 30 33	57 ¹	33.8541	47.585.41	S 38 67	52	33.8619	47.586.19	S 40 20	55
33.7610	47.576.10	S 31 51	58 ¹	33.7700	47.577.00	S 32 12	59	33.8542	47.585.42	S 38 62	52	33.8658	47.586.58	S 39 53	53
33.7611	47.576.11	S 31 52	58 ¹	33.7701	47.577.01	S 32 13	59	33.8543	47.585.43	S 38 58	52	...	47.586.64	S 18 39	30
33.7613	47.576.13	S 31 53	58 ¹	...	47.577.22	S 30 35	57 ¹	33.8544	47.585.44	S 38 66	52	...	47.586.65	S 18 38	30
33.7614	47.576.14	S 31 60	58 ¹	33.8000	47.580.00	S 32 61	59	33.8545	47.585.45	S 38 64	52	...	47.586.67	S 38 77	52
33.7615	47.576.15	S 31 59	58 ¹	33.8002	47.580.02	S 40 19	55	33.8546	47.585.46	S 38 65	52	33.8684	47.586.84	S 38 69	52
33.7616	47.576.16	S 31 57	58 ¹	33.8003	47.580.03	S 40 18	55 ¹	33.8547	47.585.47	S 39 95	54	33.8690	47.586.90	S 39 81	54
33.7617	47.576.17	S 31 58	58 ¹	33.8003	47.580.03	S 63 74	111	33.8548	47.585.48	S 38 70	53	33.8691	47.586.91	S 39 82	54
33.7618	47.576.18	S 31 56	58 ¹	...	47.584.07	S 39 21	51	33.8549	47.585.49	S 38 63	52	33.8692	47.586.92	S 39 83	54
33.7619	47.576.19	S 31 55	58 ¹	...	47.584.08	S 39 18	51	33.8550	47.585.50	S 40 17	55	33.8696	47.586.96	S 42 31	70
33.7620	47.576.20	S 30 82	57 ¹	...	47.584.09	S 39 19	51	33.8550	47.585.50	S 39 52	53	...	47.587.03	S 39 30	53
33.7623	47.576.23	S 32 75	59 ¹	...	47.584.10	S 18 40	30	33.8551	47.585.51	S 39 58	53	...	47.587.04	S 38 89	52
33.7623	47.576.23	S 30 83	57 ¹	...	47.584.11	S 39 20	51	33.8552	47.585.52	S 39 57	53	...	47.587.05	S 38 87	52
33.7624	47.576.24	S 30 69	57 ¹	...	47.584.12	S 39 22	51	33.8553	47.585.53	S 38 71	53	...	47.588.01	S 39 34	53
33.7624	47.576.24	S 32 73	59 ¹	...	47.584.18	S 39 17	51	33.8555	47.585.55	S 39 60	53	...	47.588.03	S 39 32	53
33.7625	47.576.25	S 31 61	58 ¹	...	47.584.24	S 38 12	51	33.8556	47.585.56	S 39 67	53	...	47.588.04	S 38 91	52
33.7626	47.576.26	S 31 62	58 ¹	33.8500	47.585.00	S 38 01	51	33.8557	47.585.57	S 38 60	52	...	47.588.06	S 39 33	53
33.7627	47.576.27	S 31 63	58 ¹	33.8501	47.585.01	S 38 02	51	33.8559	47.585.59	S 38 61	52	...	47.588.10	S 38 90	52
33.7628	47.576.28	S 31 64	58 ¹	33.8502	47.585.02	S 38 03	51	33.8560	47.585.60	S 39 63	53	...	47.588.23	S 38 85	52
33.7629	47.576.29	S 30 84	57 ¹	33.8503	47.585.03	S 38 04	51	33.8561	47.585.61	S 39 64	53	...	47.588.25	S 38 86	52
33.7630	47.576.30	S 31 67	58 ¹	33.8504	47.585.04	S 38 05	51	33.8563	47.585.63	S 39 51	53	...	47.588.26	S 38 88	52
33.7631	47.576.31	S 31 65	58 ¹	33.8505	47.585.05	S 39 02	51	33.8564	47.585.64	S 38 72	53	...	47.588.34	S 38 80	52
33.7632	47.576.32	S 31 68	58 ¹	33.8506	47.585.06	S 38 07	51	33.8565	47.585.65	S 39 65	53	...	47.588.35	S 38 83	52
33.7633	47.576.33	S 31 69	58 ¹	33.8508	47.585.08	S 38 10	51	33.8566	47.585.66	S 39 66	53				
33.7634	47.576.34	S 31 70	58 ¹	33.8509	47.585.09	S 39 01	51	33.8567	47.585.67	S 40 04	55				
33.7635	47.576.35	S 31 66	58 ¹	33.8510	47.585.10	S 39 08	51	33.8567	47.585.67	S 39 68	53				
33.7636	47.576.36	S 31 71	58 ¹	33.8511	47.585.11	S 39 13	51	33.8568	47.585.68	S 39 55	53				
...	47.576.42	S 30 25	57 ¹	...	47.585.17	S 38 11	51	33.8569	47.585.69	S 39 56	53				
...	47.576.43	S 30 24	57 ¹	33.8520	47.585.20	S 40 14	55	33.8570	47.585.70	S 40 15	55				

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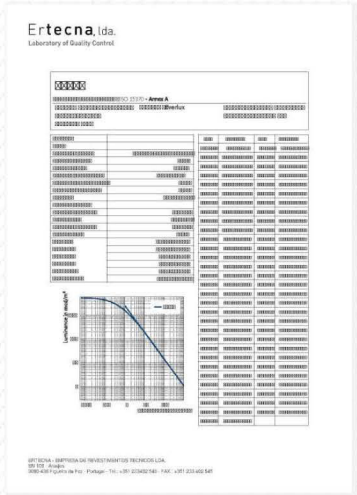
STANDARDS AND REGULATIONS

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 Resolution A.1116(30) adopted on 5 December 2017	Escape Route Signs and Equipment Location Markings.
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	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	International Maritime Dangerous Goods (IMDG) Code
ISM Code	International Safety Management (ISM) Code
European Directive 2014/90/EU	Directive marine equipment repealed Directive 96/98/EC
ISO 24409-1:2020	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 16069:2017	Graphical symbols - Safety signs - Safety way guidance systems (SWGS)
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 15370:2021	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
EN ISO 7010:2020	Graphical symbols - Safety colours and safety signs -Registered safety signs
DIN 67510-1:2020	Photoluminescent pigments and products - Part 1: Measurement and marking at the producer.
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 Yatch Code (LY3)
NORSOK STANDARD L-004, 2016	Piping fabrication, installation, flushing and testing
NORSOK STANDARD C-002, Edition 4, September 2016	Architectural components and equipment
NORSOK STANDARD S-001, Edition 5, June 2018	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 12.4.026-2015	Occupational safety standards system. Safety colours, safety signs and signal marking. Purpose and rules of application. General technical

QUALITY AND CERTIFICATION

The quality of ③Everlux® and ③Everlux-LLL photoluminescent products is ensured throughout the entire manufacturing process, using the most advanced technology along with rigorous quality controls which use cutting edge testing methodology that observes IMO Resolutions, DIN and ISO Standards.



EVERLUX AND EVERLUX-LLL
ARE CERTIFIED BY:



**OUR COMPANY
CERTIFICATIONS:**



**APPROVAL AS
SERVICE SUPPLIERS:**



METHOD OF PRACTICAL TESTING TO COMPARE PHOTOLUMINESCENT PRODUCTS

1. Look for a place illuminated by a fluorescent lamp that allows you (after turning off the light) to be totally isolated from any light source (interior or exterior);
2. Then place several signs with the photoluminescent surface facing upwards and as close to the fluorescent lamp as possible (the ideal distance being 20cm or 8 inches approximately) during 5 minutes;
3. Without leaving the area, place the signs on a table with the photoluminescent surface facing down and turn off all lights;
4. Wait for 2 minutes (the first 2 minutes are not to be considered);
5. Turn the signs over (photoluminescent surface facing up) and observe the reduction of their light intensity for 15 minutes (after 15 minutes the luminance differences are proportional).

In accordance with legislation, standards and consumer protection to ensure quality and conformity, our Trademarks are printed on all
Ⓢ Everlux and Ⓢ Everlux-LLL signs.



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