

BS ISO 20712-1:2008



BSI Standards Publication

Water safety signs and beach safety flags

Part 1: Specifications for water safety signs used in workplaces and public areas

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National foreword

This British Standard is the UK implementation of ISO 20712-1:2008. It supersedes BS 5499-11:2002, which is withdrawn.

National Annex NA has been added by PH/8/1, to provide registered water safety signs, which were originally in BS 5499-11, but have not subsequently been included in ISO 20712-1, or those that have not been included in either. This National Annex will be revised regularly to include water safety signs as they are standardized by ISO and BSI. All safety signs within the National Annex conform to the design principles given in BS ISO 3864-1 and the design criteria given in ISO 3864-3, as well as using the ISO 7010 template available at <http://www.iso.org/tc145/sc2>.

BS ISO 7010 provides other registered safety signs, and the colorimetric and photometric properties of safety sign materials are given in BS ISO 3864-4.

The original suite of standards on safety signs in BS 5499 included BS 5499-1, BS 5499-5, BS 5499-6, and BS 5499-11. They were all cross-linked. All are currently being, or due to be, withdrawn as follows:

- BS ISO 3864-1 will supersede BS 5499-1.
- BS ISO 3864-4 is new and covers material replacing that in the previous edition of ISO 3864-1. BS 5378-2 will be withdrawn.
- BS ISO 3864-3 will supersede BS 5499-6.
- BS ISO 7010 will supersede BS 5499-5.
- BS ISO 20712-1 will supersede BS 5499-11.

Guidance on the application of water safety signs is given in BS ISO 20712-3 and BS 8569.

The use of safety signs does not replace the need for proper working methods and for instruction, training in accident prevention, and the actions to be taken in the event of an emergency.

The UK participation in its preparation was entrusted to Technical Committee PH/8/1, Graphical Symbols - Safety Signs.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Amendments issued since publication

Date	Text affected
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Water safety signs and beach safety flags —

Part 1: Specifications for water safety signs used in workplaces and public areas

*Signaux de sécurité relatifs à l'eau et drapeaux de sécurité pour les
plages —*

*Partie 1: Spécifications des signaux de sécurité relatifs à l'eau utilisés
sur les lieux de travail et dans les lieux publics*



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 20712-1 was prepared by Technical Committee ISO/TC 145, *Graphical symbols*, Subcommittee SC 2, *Safety identification, signs, shapes, symbols and colours*.

ISO 20712 consists of the following parts, under the general title *Water safety signs and beach safety flags*:

- *Part 1: Specifications for water safety signs used in workplaces and public areas*
- *Part 2: Specifications for beach safety flags — Colour, shape, meaning and performance*
- *Part 3: Guidance for use*

Introduction

There is a need to standardize a system giving safety information related to aquatic activity that relies as little as possible on the use of words to achieve understanding.

Continued growth in international trade, travel and mobility of labour requires a common method of communicating safety information.

Lack of standardization may lead to confusion and perhaps accidents.

The use of standardized safety signs does not replace proper work methods, instructions and accident prevention training and/or measures. Education is an essential part of any system that provides safety information.

This part of ISO 20712 is intended to be used by all Technical Committees within ISO charged with developing specific safety signing in places of aquatic activity to ensure that there is only one safety sign for each safety meaning. It is also intended that this part of ISO 20712 be revised regularly to include safety signs as they are standardized by ISO, and which conform to the principles given in ISO 3864-1 and the design criteria given in ISO 3864-3.

NOTE 1 Some countries' statutory regulations may differ in some respect from those given in this part of ISO 20712.

NOTE 2 Some countries may differ in some respect from the requirements given in this part of ISO 20712 in that they use the diamond geometric shape for warning signs.

Water safety signs and beach safety flags —

Part 1: Specifications for water safety signs used in workplaces and public areas

IMPORTANT — The colours represented in the electronic file of this part of ISO 20712 can be neither viewed on screen nor printed as true representations. Although the copies of this part of ISO 20712 printed by ISO have been produced to correspond (with an acceptable tolerance as judged by the naked eye) to the requirements of ISO 3864-1, it is not intended that these printed copies be used for colour matching. Instead, consult ISO 3864-1, which provides colorimetric and photometric properties, together with, as a guideline, references from colour order systems.

1 Scope

This part of ISO 20712 prescribes water safety signs intended for use in connection with the aquatic environment. It is intended for use by owners and operators of aquatic environments and by manufacturers of signs and equipment. However, it is not applicable to signalling used for maritime traffic.

The shape and colour required to be used for safety signs, as prescribed by ISO 3864-1, are given together with the graphical symbols contained within each sign. The water safety sign originals meet the design criteria of ISO 3864-3.

This part of ISO 20712 specifies the water safety sign originals that may be scaled for reproduction and application purposes.

This part of ISO 20712 includes water safety signs which require that supplementary text signs be used in conjunction with these water safety signs to improve comprehension.

NOTE The criteria of acceptability adopted by ISO/TC 145/SC 2 are given on website www.iso.org/tc145/sc2.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 3864-1, *Graphical symbols — Safety colours and safety signs — Part 1: Design principles for safety signs in workplaces and public areas*

ISO 3864-3, *Graphical symbols — Safety colours and safety signs — Part 3: Design principles for graphical symbols for use in safety signs*

ISO 9186-1, *Graphical symbols — Test methods — Part 1: Methods for testing comprehensibility*

ISO 17724, *Graphical symbols — Vocabulary*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 17724 and the following apply.

- 3.1**
aquatic environment
areas such as coastal and inland beaches and waterways, swimming pools and their facilities, and other bodies of water, slurry and other agricultural and industrial liquids storage
- 3.2**
format of application
type of object on which the symbol or sign is intended to be used
- 3.3**
referent
idea or object that a safety sign is intended to represent
- 3.4**
safety sign original
safety sign with which a referent, a graphical representation and a description of the application are associated

4 Referents and categorization of water safety signs

4.1 General

The summaries in 4.2 and 4.3 are provided to facilitate the search for standardized water safety signs.

4.2 Referent (safety meaning)

Table 1 gives the list of referents in alphabetical order and provides the water safety sign functional reference number.

Table 1 — Summary of referents by alphabetical order

Referent (safety meaning)	Functional reference number
Boating area, warning	WSW016
Crocodiles, alligators or caymans, warning	WSW025
Deep shelving beach, warning	WSW024
Deep water, warning	WSW005
High surf or large breaking waves, warning	WSW023
Incoming tides, warning	WSW018
Keep children under supervision in the aquatic environment	WSM002
Kite surfing, warning	WSW020
No body boarding	WSP016
No diving	WSP005
No jumping into water	WSP014
No kite surfing	WSP018
No manually powered craft	WSP008
No mechanically powered craft	WSP009
No outdoor footwear	WSP013
No parasailing	WSP019
No personal water craft	WSP010
No pushing into water	WSP015
No running	WSP001
No sailing	WSP006
No sand yachting	WSP020
No snorkelling	WSP003
No sub-aqua diving	WSP004
No surf craft	WSP012
No surfing between the red-and-yellow flags	WSP017
No swimming	WSP002
No towed water activity	WSP011
No windsurfing	WSP007
Parasailing, warning	WSW021
Public rescue equipment	WSE001
Quicksand or mud/deep mud or silt, warning	WSW019
Sand yachting, warning	WSW017
Sewage effluent outfall, warning	WSW013
Shallow water (diving), warning	WSW006
Sharks, warning	WSW012

Table 1 (continued)

Referent (safety meaning)	Functional reference number
Slipway, warning	WSW002
Strong currents, warning	WSW015
Strong winds, warning	WSW022
Submerged objects, warning	WSW007
Sudden drop in swimming or leisure pools, warning	WSW008
Surf craft area, warning	WSW004
Thin ice, warning	WSW001
Towed water activity area, warning	WSW003
Tsunami evacuation area	WSE002
Tsunami evacuation building	WSE003
Tsunami hazard zone, warning	WSW014
Unprotected edges, warning	WSW009
Unstable cliff, warning	WSW011
Unstable cliff edge, warning	WSW010
Wear personal flotation devices	WSM001

4.3 Categorization of water safety signs

Water safety signs are categorized according to their function as follows:

- E is the category for means of escape and emergency equipment signs (safe condition signs);
- M is the category for mandatory action signs;
- P is the category for prohibition signs;
- W is the category for warning signs.

Table 2 summarizes the standardized safety signs used in workplaces and public areas in terms of function category, graphical symbol and geometric shape and colour as specified in ISO 3864-1.

5 Standardized water safety signs

Tables 3 to 6 give safety sign originals in a uniform 70 mm size with corner marks to enable accurate enlargement and reduction scaling. The sign illustrations are shown without borders in order to allow for consistent reproduction scaling, though the use of borders is encouraged as defined by ISO 3864-1. The safety signs should be reproduced exactly as shown in Tables 3 to 6. However some degree of graphical modification is permitted when cultural differences or special application formats need to be considered, provided the original meaning is retained and comprehension of the sign is maintained. Consistent reproduction and use of these safety signs will lead to a progressively improved degree of comprehension at the international level.

In cases where the orientation of the symbol is not essential to its meaning, the orientation may be changed.

A graphical symbol may be depicted in outline or filled-in form.

Tables 3 to 6 present the safety sign originals according to their category as follows:

— E	Means of escape and emergency equipment signs (safe condition signs)	see Table 3
— M	Mandatory action signs	see Table 4
— P	Prohibition signs	see Table 5
— W	Warning signs	see Table 6

Tables 3 to 6 also give a description of the application used for each safety sign.

Table 2 — Summary of all safety signs

Safety sign, reference number and referent	Category			
	E	M	P	W
	Means of escape and emergency equipment signs	Mandatory action signs	Prohibition signs	Warning signs
Safety sign				
Reference number Referent	WSE001 Public rescue equipment	WSM001 Wear personal flotation devices	WSP001 No running	WSW001 Warning; Thin ice
Safety sign				
Reference number Referent	WSE002 Tsunami evacuation area	WSM002 Keep children under supervision in the aquatic environment	WSP002 No swimming	WSW002 Warning; Slipway
Safety sign		—		
Reference number Referent	WSE003 Tsunami evacuation building	—	WSP003 No snorkelling	WSW003 Warning; Towed water activity area
Safety sign	—	—		
Reference number Referent	—	—	WSP004 No sub-aqua diving	WSW004 Warning; Surf craft area
Safety sign	—	—		
Reference number Referent	—	—	WSP005 No diving	WSW005 Warning; Deep water

Table 2 (continued)

Safety sign, reference number and referent	Category			
	E	M	P	W
	Means of escape and emergency equipment signs	Mandatory action signs	Prohibition signs	Warning signs
Safety sign	—	—		
Reference number	—	—	WSP006	WSW006
Referent	—	—	No sailing	Warning; Shallow water (diving)
Safety sign	—	—		
Reference number	—	—	WSP007	WSW007
Referent	—	—	No windsurfing	Warning; Submerged objects
Safety sign	—	—		
Reference number	—	—	WSP008	WSW008
Referent	—	—	No manually powered craft	Warning; Sudden drop in swimming or leisure pools
Safety sign	—	—		
Reference number	—	—	WSP009	WSW009
Referent	—	—	No mechanically powered craft	Warning; Unprotected edges
Safety sign	—	—		
Reference number	—	—	WSP010	WSW010
Referent	—	—	No personal water craft	Warning; Unstable cliff edge

Table 2 (continued)

Safety sign, reference number and referent	Category			
	E	M	P	W
	Means of escape and emergency equipment signs	Mandatory action signs	Prohibition signs	Warning signs
Safety sign	—	—		
Reference number	—	—	WSP011	WSW011
Referent	—	—	No towed water activity	Warning; Unstable cliff
Safety sign	—	—		
Reference number	—	—	WSP012	WSW012
Referent	—	—	No surf craft	Warning; Sharks
Safety sign	—	—		
Reference number	—	—	WSP013	WSW013
Referent	—	—	No outdoor footwear	Warning; Sewage effluent outfall
Safety sign	—	—		
Reference number	—	—	WSP014	WSW014
Referent	—	—	No jumping into water	Warning; Tsunami hazard zone
Safety sign	—	—		
Reference number	—	—	WSP015	WSW015
Referent	—	—	No pushing into water	Warning; Strong currents

Table 2 (continued)

Safety sign, reference number and referent	Category			
	E	M	P	W
	Means of escape and emergency equipment signs	Mandatory action signs	Prohibition signs	Warning signs
Safety sign	—	—		
Reference number	—	—	WSP016	WSW016
Referent	—	—	No body boarding	Warning; Boating area
Safety sign	—	—		
Reference number	—	—	WSP017	WSW017
Referent	—	—	No surfing between the red-and-yellow flags	Warning; Sand yachting
Safety sign	—	—		
Reference number	—	—	WSP018	WSW018
Referent	—	—	No kite surfing	Warning; Incoming tides
Safety sign	—	—		
Reference number	—	—	WSP019	WSW019
Referent	—	—	No parasailing	Warning; Quicksand or mud/deep mud or silt
Safety sign	—	—		
Reference number	—	—	WSP020	WSW020
Referent	—	—	No sand yachting	Warning; Kite surfing

Table 2 (continued)

Safety sign, reference number and referent	Category			
	E	M	P	W
	Means of escape and emergency equipment signs	Mandatory action signs	Prohibition signs	Warning signs
Safety sign	—	—	—	
Reference number	—	—	—	WSW021
Referent	—	—	—	Warning; Parasailing
Safety sign	—	—	—	
Reference number	—	—	—	WSW022
Referent	—	—	—	Warning; Strong winds
Safety sign	—	—	—	
Reference number	—	—	—	WSW023
Referent	—	—	—	Warning; High surf or large breaking waves
Safety sign	—	—	—	
Reference number	—	—	—	WSW024
Referent	—	—	—	Warning; Deep shelving beach
Safety sign	—	—	—	
Reference number	—	—	—	WSW025
Referent	—	—	—	Warning; Crocodiles, alligators or caymans

Table 3 — Description and application of referent for means of escape and emergency equipment signs (safe condition signs) (category E)

	Reference No. WSE001
	Referent Public rescue equipment
	Function To indicate the location of water life-saving equipment (public rescue equipment)
	Image content Lifebelt ring with rope
Hazard Not being able to locate the public rescue equipment which is provided to assist in the avoidance of drowning Human behaviour that is intended to be caused after understanding the safety sign's meaning People being aware of location of public rescue equipment at the time of need Human behaviour that is intended to be prevented People not being aware of location of public rescue equipment at the time of need Need The use of public rescue equipment can reduce the risk of injury or drowning. Related referents — Field of application Workplaces, public areas Format of application Safety signing, notices and safety manuals Context of use In aquatic environments; water safety, aquatic safety Additional information Test data obtained according to ISO 9186-1 are available from more than one country. Findings from testing showed that the graphical symbol exceeded the criteria of acceptability. A supplementary text sign may be used to increase comprehension. If the safety sign is supplemented by manuals, instructions or training, a supplementary text sign may not be required.	

Table 3 (continued)

	Reference No. WSE002
	Referent Tsunami evacuation area
	Function To indicate the location of a safe place/uphill area for evacuation to in the event of a tsunami
	Image content Human figure between a slope of land mass and a tsunami wave
Hazard Tsunami wave originating from an ocean-floor seismic event in which people could be caught if they have not reached the tsunami evacuation area Human behaviour that is intended to be caused after understanding the safety sign's meaning Evacuation from coastal/beach zone towards higher place/hill in the event of an earthquake or when a tsunami warning has been issued Human behaviour that is intended to be prevented Remaining in the coastal/beach zone or running in the sea or wrong direction when a tsunami warning has been issued Need Although tsunami mitigation plans have been prepared and are available to civil protection agencies, they shall be complemented by signs that advise the population on directions to take to tsunami evacuation areas. People can be injured or drowned if they are not given indication of location of tsunami evacuation areas and directions to them. Related referents WSE003, WSW014 Field of application Workplaces, public areas Format of application Multiple signs in relevant coastal/beach zones and evacuation routes, notices, safety manuals Context of use In tsunami hazard zones, signing of evacuation routes to tsunami evacuation areas should consist of WSE002 supplemented by the appropriate direction arrow ISO 7010-E005 or ISO 7010-E006. WSE002 shall be used to indicate the location of a tsunami evacuation area. Additional information This water safety sign has been the subject of extensive research by the Japanese government and has also been requested by UNESCO as part of an overall approach to a management strategy designed to mitigate the disastrous effects of a tsunami wave. The design selected has received the best comprehension results and is specific to the special circumstances of the tsunami hazard. Supplementary text shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.	

Table 3 (continued)

	Reference No. WSE003
	Referent Tsunami evacuation building
	Function To indicate the location of a safe building for evacuation in the event of a tsunami
	Image content Human figure between a building and a tsunami wave
Hazard Tsunami wave originating from an ocean-floor seismic event in which people could be caught if they have not reached the tsunami evacuation building Human behaviour that is intended to be caused after understanding the safety sign's meaning Evacuation from coastal/beach zone towards a tsunami evacuation building in the event of an earthquake or when a tsunami warning has been issued Human behaviour that is intended to be prevented Remaining in the coastal/beach zone or running in the sea or wrong direction when a tsunami warning has been issued Need Although tsunami mitigation plans have been prepared and are available to civil protection agencies, they shall be complemented by signs that advise the population on directions to take to tsunami evacuation buildings. People can be injured or drowned if they are not given indication of location of tsunami evacuation buildings and directions to them. Related referents WSE002, WSW014 Field of application Workplaces, public areas Format of application Multiple signs in relevant coastal/beach zones and evacuation routes, notices, safety manuals Context of use In tsunami hazard zones, signing of evacuation routes to tsunami evacuation buildings should consist of WSE003 supplemented by the appropriate direction arrow ISO 7010-E005 or ISO 7010-E006. WSE003 shall be used to indicate the location of a tsunami evacuation building. Additional information This water safety sign has been the subject of extensive research by the Japanese government and has also been requested by UNESCO as part of an overall approach to a management strategy designed to mitigate the disastrous effects of a tsunami wave. The design selected has received the best comprehension results and is specific to the special circumstances of the tsunami hazard. Supplementary text shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.	

Table 4 — Description and application of referent for mandatory action signs (category M)

	Reference No. WSM001
	Referent Wear personal flotation devices
	Function To signify that personal flotation devices (lifejackets) must be worn
	Image content Human figure wearing personal flotation device (lifejacket)
Hazard Not using a personal flotation device can result in a person drowning Human behaviour that is intended to be caused after understanding the safety sign's meaning Wearing personal flotation device (lifejacket) Human behaviour that is intended to be prevented Neglecting the dangers of drowning and not wearing personal flotation device (lifejacket) Need Personal flotation devices are needed in an emergency to help avoid drowning. Related referents — Field of application Workplaces, public areas Format of application Safety signing, notices and safety manuals Context of use In aquatic environments; water safety, aquatic safety Additional information Test data obtained according to ISO 9186-1 are available from more than one country. Findings from testing showed that the graphical symbol exceeded the criteria of acceptability. A supplementary text sign may be used to increase comprehension. If the safety sign is supplemented by manuals, instructions or training, a supplementary text sign may not be required.	

Table 4 (continued)

	Reference No.
	WSM002
	Referent
	Keep children under supervision in the aquatic environment
	Function
	To signify that children must be kept under supervision in the aquatic environment
	Image content
	Top part of large human figure, top part of small human figure with raised arm, arrow, two wavy lines
Hazard Children being in water where they could get into difficulties Human behaviour that is intended to be caused after understanding the safety sign's meaning Adults supervising children playing in water or swimming Human behaviour that is intended to be prevented Children playing in water or swimming without the supervision of adults Need Many young children drown in pools whilst unsupervised. Related referents — Field of application Workplaces, public areas, products Format of application Safety signing, notices, safety manuals, product safety labels Context of use In areas of aquatic activity, water safety, aquatic safety, swimming pools. Each place and time where children could be unsupervised Additional information Test data obtained according to ISO 9186-1 are available from more than one country. Findings from testing showed that the graphical symbol did not reach the criteria of acceptability. Consequently, a supplementary text sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.	

Table 5 — Description and application of referent for prohibition signs (category P)

	Reference No. WSP001
	Referent No running
	Function To prohibit running
	Image content Human figure shown in profile running
Hazard Falling or colliding caused by running Human behaviour that is intended to be caused after understanding the safety sign's meaning No running Human behaviour that is intended to be prevented Running Need People can injure themselves or others when running in areas beside swimming pools and in other areas. Related referents — Field of application Workplaces, public areas Format of application Safety signing, notices and safety manuals Context of use In areas of aquatic activity, water safety, aquatic safety, swimming pools and other areas Additional information Test data obtained according to ISO 9186-1 are available from more than one country. Findings from testing showed that the graphical symbol exceeded the criteria of acceptability. A supplementary text sign may be used to increase comprehension. If the safety sign is supplemented by manuals, instructions or training, a supplementary text sign may not be required.	

Table 5 (continued)

	Reference No.
	WSP002
	Referent
	No swimming
	Function
	To prohibit swimming
	Image content
	Human figure swimming, two wavy lines
Hazard Water conditions or environment hazardous to swimmers Human behaviour that is intended to be caused after understanding the safety sign's meaning No swimming Human behaviour that is intended to be prevented Swimming Need People can be injured or drowned if they swim in hazardous locations. Related referents — Field of application Workplaces, public areas Format of application Safety signing, notices and safety manuals Context of use In areas of aquatic activity, water safety, aquatic safety Additional information Test data obtained according to ISO 9186-1 are not available from more than one country. Findings from national testing, however, showed that in one country the graphical symbol exceeded the criteria of acceptability. A supplementary text sign may be used to increase comprehension. If the safety sign is supplemented by manuals, instructions or training, a supplementary text sign may not be required.	

Table 5 (continued)

	Reference No. WSP003
	Referent No snorkelling
	Function To prohibit the use of snorkelling equipment
	Image content Human figure with snorkelling equipment, single wavy line
Hazard Snorkellers and their equipment being in an area where they could collide with other people or craft in the water Human behaviour that is intended to be caused after understanding the safety sign's meaning No snorkelling Human behaviour that is intended to be prevented Snorkelling Need People can be injured or drowned if there is a collision with snorkellers and their equipment, including boat or water craft users who may be unaware of the hidden danger beneath the water in an area of aquatic activity. Related referents — Field of application Workplaces, public areas Format of application Safety signing, notices and safety manuals Context of use In areas of aquatic activity, water safety, aquatic safety, swimming pools Additional information Test data obtained according to ISO 9186-1 are not available from more than one country. Findings from national testing, however, showed that in one country the graphical symbol exceeded the criteria of acceptability. A supplementary text sign may be used to increase comprehension. If the safety sign is supplemented by manuals, instructions or training, a supplementary text sign may not be required.	

Table 5 (continued)

	Reference No.	WSP004
	Referent	No sub-aqua diving
	Function	To prohibit the use of sub-aqua equipment
	Image content	Human figure with sub-aqua equipment, three dots, single wavy line
Hazard Sub-aqua divers and their equipment being in an area where they could collide with other people or craft in the water Human behaviour that is intended to be caused after understanding the safety sign's meaning No sub-aqua diving Human behaviour that is intended to be prevented Sub-aqua diving Need People can be injured or drowned if there is a collision with sub-aqua divers and their equipment, including boats or water craft users who may be unaware of the hidden danger beneath the water in an area of aquatic activity. Related referents — Field of application Workplaces, public areas Format of application Safety signing, notices and safety manuals Context of use In areas of aquatic activity, water safety, aquatic safety, swimming pools Additional information Test data obtained according to ISO 9186-1 are not available from more than one country. Findings from national testing, however, showed that in one country the graphical symbol exceeded the criteria of acceptability. A supplementary text sign may be used to increase comprehension. If the safety sign is supplemented by manuals, instructions or training, a supplementary text sign may not be required.		

Table 5 (continued)

	Reference No. WSP005
	Referent No diving
	Function To prohibit diving into the water
	Image content Human figure diving, two wavy lines
Hazard Divers being in an area where they could collide with other people or encounter other hazards in the water Human behaviour that is intended to be caused after understanding the safety sign's meaning No diving Human behaviour that is intended to be prevented Diving Need People can injure or drown themselves or others by diving in hazardous locations or areas of aquatic activity. Related referents WSW006, WSW007 Field of application Workplaces, public areas Format of application Safety signing, notices and safety manuals Context of use In areas of aquatic activity, water safety, aquatic safety, swimming pools Additional information Test data obtained according to ISO 9186-1 are not available from more than one country. Findings from national testing, however, showed that in one country the graphical symbol exceeded the criteria of acceptability. A supplementary text sign may be used to increase comprehension. If the safety sign is supplemented by manuals, instructions or training, a supplementary text sign may not be required.	

Table 5 (continued)

	Reference No. WSP006
	Referent No sailing
	Function To prohibit sailing
	Image content Sailing boat, two wavy lines
Hazard Sailing boats being in an area where they could collide with people in the water Human behaviour that is intended to be caused after understanding the safety sign's meaning No sailing Human behaviour that is intended to be prevented Sailing Need People can be injured or drowned if sailing boats enter an area of aquatic activity. Related referents — Field of application Workplaces, public areas Format of application Safety signing, notices and safety manuals Context of use In areas of aquatic activity, water safety, aquatic safety Additional information Test data obtained according to ISO 9186-1 are available from more than one country. Findings from testing showed that the graphical symbol exceeded the criteria of acceptability. A supplementary text sign may be used to increase comprehension. If the safety sign is supplemented by manuals, instructions or training, a supplementary text sign may not be required.	

Table 5 (continued)

	Reference No. WSP007
	Referent No windsurfing
	Function To prohibit windsurfing
	Image content Human figure, windsurfing board, two wavy lines
Hazard Windsurfing boards being in an area where they could collide with people in the water Human behaviour that is intended to be caused after understanding the safety sign's meaning No windsurfing Human behaviour that is intended to be prevented Windsurfing Need People can be injured or drowned if windsurfing boards enter an area of aquatic activity. Related referents — Field of application Workplaces, public areas Format of application Safety signing, notices and safety manuals Context of use In areas of aquatic activity, water safety, aquatic safety Additional information Test data obtained according to ISO 9186-1 are not available from more than one country. Findings from national testing, however, showed that in one country the graphical symbol exceeded the criteria of acceptability. A supplementary text sign may be used to increase comprehension. If the safety sign is supplemented by manuals, instructions or training, a supplementary text sign may not be required.	

Table 5 (continued)

	Reference No. WSP008
	Referent No manually powered craft
	Function To prohibit the use of manually powered craft (e.g. rowing, sculling, paddling, punting, pedalo)
	Image content Human figure, rowing boat, oar, two wavy lines
Hazard Manually powered craft being in an area where they could collide with people in the water Human behaviour that is intended to be caused after understanding the safety sign's meaning Not using manually powered craft Human behaviour that is intended to be prevented Using manually powered craft Need People can be injured or drowned if manually powered craft enter an area of aquatic activity. Related referents — Field of application Workplaces, public areas Format of application Safety signing, notices and safety manuals Context of use In areas of aquatic activity, water safety, aquatic safety Additional information Test data obtained according to ISO 9186-1 are not available from more than one country. Findings from national testing, however, showed that in one country the graphical symbol exceeded the criteria of acceptability. A supplementary text sign may be used to increase comprehension. If the safety sign is supplemented by manuals, instructions or training, a supplementary text sign may not be required.	

Table 5 (continued)

	Reference No. WSP009
	Referent No mechanically powered craft
	Function To prohibit the use of mechanically powered craft
	Image content Mechanically powered craft, two wavy lines
Hazard Mechanically powered craft being in an area where they could collide with people in the water Human behaviour that is intended to be caused after understanding the safety sign's meaning Not using mechanically powered craft Human behaviour that is intended to be prevented Using mechanically powered craft Need People can be injured or drowned if mechanically powered craft enter an area of aquatic activity. Related referents — Field of application Workplaces, public areas Format of application Safety signing, notices and safety manuals Context of use In areas of aquatic activity, water safety, aquatic safety Additional information Test data obtained according to ISO 9186-1 are not available from more than one country. Findings from national testing, however, showed that in one country the graphical symbol exceeded the criteria of acceptability. A supplementary text sign may be used to increase comprehension. If the safety sign is supplemented by manuals, instructions or training, a supplementary text sign may not be required.	