



## DRAFT AMENDMENT ISO 20712-1/DAmD 1

ISO/TC 145/SC 2

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## Water safety signs and beach safety flags —

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

#### AMENDMENT 1: Water safety sign WSE002: Tsunami evacuation area

*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*

*AMENDEMENT 1: WSE002: Zone d'évacuation en cas de tsunami*

ICS 01.080.10

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Amendment 1 to ISO 20712-1:200x was prepared by Technical Committee ISO/TC 145, *Graphical symbols*, Subcommittee SC 2, *Safety identification, signs, shapes, symbols and colours*.

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## Water safety signs and beach safety flags — Part 1: Specifications for water safety signs used in workplaces and public areas - Amendment 1: Water safety sign WSE002: Tsunami evacuation area

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Add water safety sign WSE002 to the alphabetical summary in Table 1, and to category WSE in Tables 2 and 3 as follows:

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Water safety sign WSE002: Tsunami evacuation area

	<b>Reference No.</b> <p style="text-align: center;"><b>WSE002</b></p>
	<b>Referent</b> <p style="text-align: center;"><b>Tsunami evacuation area</b></p>
	<b>Function</b> To indicate the location of a safe place/uphill area for evacuation to in the event of a tsunami
	<b>Image content</b> 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 got to 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 have to be complemented by signs that advise the population on directions to take to tsunami evacuation areas. People may 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 hazards zones, signing of evacuation routes to tsunami evacuation areas should consist of WSE002 supplemented by the appropriate direction arrow ISO 7010-E005 or -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.