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Interested committees:

Title: Draft BS ISO 22328-3 Security and resilience — Emergency management. Part 3: Guidelines for the implementation of a community-based tsunami early warning system.

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Introduction

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Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/Figure/ Table/Note	Type of comment	Commend (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	

DRAFT INTERNATIONAL STANDARD

ISO/DIS 22328-3

ISO/TC 292

Secretariat: **SIS**

Voting begins on:
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Security and resilience — Emergency management —

Part 3:

Guidelines for the implementation of a community-based tsunami early warning system

ICS: 03.100.01

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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 292 *Security and resilience*.

A list of all parts in the ISO 22328 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

Tsunami is series of travelling waves of extremely long length and period, usually generated by disturbances associated with an earthquake occurring below or near the ocean floor, volcanic eruptions, a submarine landslide, liquefaction, melting glaciers, coastal rock falls and meteorites. In tsunami-prone countries, tsunami causes catastrophic disaster, loss of lives, damage to the ecosystem, and great socioeconomic losses.

The most effective disaster risk reduction effort in tsunami mitigation is through the improvement of the community preparedness by implementing an early warning system. The early warning system is in line with the Sendai Framework 2015-2030^[2] for Action with four (4) priorities in disaster risk reduction. The fourth priority emphasizes the improvement of preparedness in order to respond effectively to a disaster by implementing and improving the dissemination of information including early warning of tsunami disasters at the local and national levels.

The goal of the development of a tsunami early warning system is to empower individuals and communities who are vulnerable to hazards to act in sufficient time and in appropriate ways to reduce the possibility of injuries, loss of life, and damage to property and the environment.

This document complements the generic guidelines on early warning systems described by ISO 22328-1:2020^[6] with specific information related to tsunamis. It is also complementary to the guidelines on public warning in ISO 22322:2015^[4] as well as the guidelines on planning mass evacuations in ISO 22315:2014^[3].

Noting that UNESCO-IOC has been coordinating the development of end to end Tsunami Early Warning globally which have been adopted, tailored, and implemented by several countries. This document is to complement with the international standard for evidence-based community preparedness for tsunamis of the UNESCO-IOC Tsunami Ready program and indicators, and Guidelines for Indian Ocean Tsunami Ready Program ^[9].