3GPP TSG CT WG1 Meeting 122-e   **TDoc C1-201043**
Electronic meeting, 20-28 February 2020

Title:	**LS on Unicode symbol numbers representing disasters**
Response to:	
Release:	**Release 16**
Work Item:	**ePWS**
Source:	**CT1**
To:	**ISO/IEC JTC1/SC2**
Cc:	**3GPP TSG-CT, 3GPP TSG-SA**
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Send any reply LS to:	**3GPP Liaisons Coordinator, mailto:3GPPLiaison@etsi.org**

Attachments:

1   Overall description

3GPP CT WG1 would like to inform ISO/IEC JTC1/SC2 of recent 3GPP work on the enhancements of Public Warning Service (ePWS) for 5G. One of objectives in 3GPP work on ePWS aims to improve the comprehension of text-based warning messages for users not literate in the local languages.

Following provides links to the relevant 3GPP technical reports/technical specifications related to 3GPP work on ePWS.

-      3GPP Stage 1 TR 22.869 V16.1.0

       http://www.3gpp.org/ftp//Specs/archive/22_series/22.869/22869-g10.zip

-      3GPP Release 16 Stage 1 TS 22.268 V16.3.0

       http://www.3gpp.org/ftp//Specs/archive/22_series/22.268/22268-g30.zip

-      3GPP TR 23.735 V16.0.0

       http://www.3gpp.org/ftp//Specs/archive/23_series/23.735/23735-g00.zip

-      3GPP Stage 2 23.041 V16.2.0

       http://www.3gpp.org/ftp//Specs/archive/23_series/23.041/23041-g20.zip

3GPP CT WG1 kindly asks ISO/IEC JTC1/SC2 the following questions related to the recent 3GPP work on ePWS:

Question 1. 3GPP CT WG1 would like to ask ISO/IEC JTC1/SC2 to provide what Unicode symbols defined in ISO/IEC 10646 are possible to be recommended as language-independent contents such as pictograms mapping to disasters (earthquake, tsunami, fire, flood, typhoon, hurricane, cyclone, tornado, volcanic eruption, epidemic and chemical hazard) that can be compatible with Unicode-based texts and can be included in public warning message.

Question 2. If there are no proper Unicode symbols recommendable for the ePWS purpose to address the language issue existed in text-based warning messages in ISO/IEC 10646, 3GPP CT WG1 would like to request ISO/IEC JTC1/SC2 the standardization of Unicode-based language-independent contents representing earthquake, tsunami, fire, flood, typhoon, hurricane, cyclone, tornado, volcanic eruption, epidemic and chemical hazard.

2 Actions

To ISO/IEC JTC1/SC2

ACTION: 3GPP CT WG1 would like to kindly ask ISO/IEC JTC1/SC2 to answer questions above.

3 Dates of next TSG CT WG1 meetings

TSG CT WG1 Meeting 123	20-24 April 2020	Dubrovnik (Croatia)
TSG CT WG1 Meeting 124	25-29 May 2020	TBD