For Comments Only

Draft Indian Standard

**Societal security —
Emergency management —
Message structure for exchange of information**

ICS 03.100.01

Not to be reproduced without the permission of BIS or used as Standard	Last Date for receipt of Comments is May 2024

NATIONAL FOREWORD

(Formal clauses to be added later on)

The text of the International Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

a) Wherever the words 'International Standard' appear referring to this standard, they should be read as `Indian Standard'.

In the adopted standard, normative reference appears to an International Standard for which Indian Standard also exists. The corresponding Indian Standard, which is to be substituted in its places, is listed below along with their degree of equivalence for the edition indicated:

International Standard	Corresponding Indian Standard	Degree of Equivalence
ISO 22300, Societal security — Terminology	IS/ISO 22300 : 2021, Security and Resilience — Vocabulary	Identical

Annexes A and B are for information only.

Note: The technical content of the document is not available on website. For details, please refer the corresponding ISO/TR 22351: 2015 or kindly contact:

Head
Management and Systems Department
Bureau of Indian Standards
Manak Bhawan, 9, B.S. Zafar Marg
New Delhi – 110 002
Email: msd@bis.org.in
Telephone/Fax: 011-23231106

Scope

This Technical Report describes a message structure for the exchange of information between organizations involved in emergency management. An organization can ingest the received information, based on the message structure, in its own operational picture.

The structured message is called Emergency Management Shared Information (EMSI).

This Technical Report describes the message structure built in order to facilitate interoperability between existing and new information systems.

The intended audience of this Technical Report is control room engineers, information systems designers and decision makers in emergency management.

> NOTE The EMSI can be used complementary to other message protocols, as for example the common alert protocol (CAP).

Introduction

Clear situation awareness is a key factor for effective emergency response. The building of an operational picture is based on the integration and assessment of information collected from the different teams of responders and other information sources. It relies on exchange of information. The ability to exchange information in a timely and secure manner is critical to the effective conduct of emergency management.

This Technical Report proposes a structured message in order to facilitate these exchanges. The message is flexible with regard to the regulations of nations and organizations. It helps the operational information exchange between organizations, especially when different terminologies or different languages are used as in civil–military cooperation, trans-border collaboration or multi-agency emergencies. It enables all involved organizations to co-operate with a high level of interoperability as described in ISO 22320.

This Technical Report is based on results from the CEN Workshop Agreement CWA 15931 published in March 2009 as the Tactical Situation Object (TSO) by a European Frame Work Program 6 project.