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Date: 02 October 2025

Origin: International

Latest date for receipt of comments: 24 November 2025

Project No. 2024/01904

Responsible committee: IST/37 Coding of picture, audio, multimedia and hypermedia information

Interested committees:

Title: Draft BS EN ISO/IEC 23090-24/Amd 1 BS ISO/IEC 23090-24:2025/DAmD 1 Information technology- Coded representation of immersive media. Part 24: Conformance and reference software for scene description - Amendment 1: Conformance and reference software for scene description on haptics, augmented reality, avatar integration, interactivity and lighting.

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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

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UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

- **Annotated drafts are not acceptable and will be rejected.**
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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	Comment (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 Amendment

ISO/IEC 23090-24:2025/ DAM 1

Information technology — Coded representation of immersive media —

Part 24: Conformance and reference software for scene description

AMENDMENT 1: Conformance and reference software for scene description on haptics, augmented reality, avatar integration, interactivity and lighting

ICS: 35.040.40

ISO/IEC JTC 1/SC 29

Secretariat: JISC

Voting begins on:
2025-10-01

Voting terminates on:
2025-12-24

This document has not been edited by the ISO Central Secretariat.

Reference number
ISO/IEC 23090-24:2025/DAM
1:2025(en)

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Published in Switzerland

Information technology — Coded representation of immersive media —

Part 24:

Conformance and reference software for scene description

AMENDMENT 1: Conformance and reference software for scene description on haptics, augmented reality, avatar integration, interactivity and lighting

===== First change =====

Add the following terms to Section 3.1.

3.2 Unit test

Unit test is a software testing technique in which individual units or components of a software application are tested in isolation. This process helps in identifying issues in the development cycle and enhancing code quality thus promoting the reliability of the code.

3.3 XR

Extended Reality

===== Next change =====

Add the following paragraph to Section 4.1

The reference software version 3.0 with advance features such as haptics, augmented reality, avatars, interactivity and lighting is available in <https://standards.iso.org/iso-iec/23090/-24/ed-1/en/amd/1/>. The reference software 'pympegsd' is released with a tag version 3.0. The version 3.0 of the reference software contains implementation for the following extensions.

- Anchoring extensions: MPEG_node_anchor and MPEG_anchor
- Interactivity extensions: MPEG_scene_interactivity and MPEG_node_interactivity
- Sampler extension: MPEG_sampler_YCbCr
- Lighting extension: MPEG_lights_texture_based
- V3C extension: MPEG_primitive_V3C
- Avatar extension: MPEG_node_avatar

===== Next change =====