

ISO/IEC 23090-33:2025-11 (E)

Information technology - Coded representation of immersive media - Part 33: Conformance and reference software for haptics coding

Contents

Page

Foreword.....	iv
Introduction.....	v
1 Scope.....	1
2 Normative references.....	1
3 Terms, definitions, symbols and abbreviated terms.....	1
3.1 Terms and definitions.....	1
3.2 Abbreviated terms and symbols.....	2
4 Reference software.....	2
4.1 General.....	2
4.2 Software location and license.....	2
4.3 Software installation.....	2
4.4 Software architecture.....	3
4.5 Software usage.....	3
4.5.1 General.....	3
4.5.2 Examples of encoding.....	3
4.5.3 Examples of decoding.....	3
4.5.4 Examples of synthesis.....	3
4.6 Input reference files and software evaluation.....	4
4.7 Reference software limitations.....	4
4.8 Recommended bitrates.....	5
5 Conformance testing.....	5
5.1 General.....	5
5.2 Conformance testing for interchange format.....	6
5.3 Conformance testing for MIHS stream.....	7
5.4 MIHS compatibility conformance.....	7
5.5 Conformance testing for decoder.....	8
5.6 Conformance testing and reference files.....	8
Annex A (informative) List of recommended bitrates with wavelet and vectorial encoding.....	9
Annex B (informative) List of recommended bitrates with wavelet encoding only.....	13
Annex C (informative) List of recommended bitrates with vectorial encoding only.....	17
Annex D (normative) List of HJIF schema constraints.....	18
Annex E (normative) List of HJIF semantic checks.....	20
Annex F (normative) List of MIHS constraints.....	22
Annex G (normative) List of HJIF constraints to ensure compatibility with MIHS.....	26
Annex H (informative) List of input reference files.....	28
Annex I (informative) List of schema conformance testing files.....	30
Annex J (informative) List of semantic conformance testing files.....	32
Annex K (informative) List of MIHS conformance testing files.....	33
Annex L (informative) List of MIHS compatibility testing files.....	34
Annex M (informative) List of MIHS conversion testing files.....	36