ISO/IEC 15938-7:2003-12 (E)

Information technology - Multimedia content description interface - Part 7: Conformance testing

Contents

Page

Foreword iv

Introduction v

1 Scope 1
1.1 Organization of the document 1

2 Normative references 1

3 Terms, definitions, symbols and abbreviated terms 3
3.1 Conventions 3
3.2 Terminology 5
3.3 Symbols and abbreviated terms 7

4 Overview of conformance testing 8
4.1 Introduction 8
4.2 Conformance testing 8
4.3 Interoperability points 10

5 Conformance testing with respect to Systems processing 10
5.1 Introduction 10
5.2 Systems processing 10
5.3 Systems interfaces 10
5.4 Systems Textual Encoder 11
5.5 Systems Textual Bitstream in Access Unit Form 11
5.6 Systems Textual Decoder 12
5.7 Systems Binary (BiM) Encoder 13
5.8 Systems Binary (BiM) Bitstream in Access Unit Form 13
5.9 Systems Binary (BiM) Decoder 14

6 Conformance testing with respect to DDL processing 16
6.1 Introduction 16
6.2 DDL Schema validity assessment 16
6.3 DDL conformance points 17
6.4 DDL processor 17
6.5 Systems Conformance Bitstreams 18

7.1 Introduction 21
7.2 Conformance Testing with respect to 15938-2 (DDL) 21
7.3 Conformance Testing with respect to 15938-3 (Visual) 21
7.4 Conformance Testing with respect to 15938-4 (Audio) 23
7.5 Conformance Testing with respect to 15938-5 (MDS) 25

8 Example Descriptions (informative) 28
8.1 Introduction 28
8.2 Description 1 28
8.3 Description 2 29
8.4 Description 3 30

Annex A (informative) Patent Statements 31

Bibliography 33