INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

H.262
Corrigendum 1
(11/2000)

SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS

Infrastructure of audiovisual services – Coding of moving video

Information technology – Generic coding of moving pictures and associated audio information: Video

Technical Corrigendum 1

ITU-T Recommendation H.262 – Corrigendum 1

(Formerly CCITT Recommendation)

ITU-T H-SERIES RECOMMENDATIONS
AUDIOVISUAL AND MULTIMEDIA SYSTEMS

For further details, please refer to the list of ITU-T Recommendations.

INTERNATIONAL STANDARD 13818-2
ITU-T RECOMMENDATION H.262

INFORMATION TECHNOLOGY – GENERIC CODING OF MOVING PICTURES AND ASSOCIATED AUDIO INFORMATION: VIDEO

TECHNICAL CORRIGENDUM 1

Summary

This technical corrigendum corrects the description of the handling of reserved extension data within an H.262 elementary video bitstream. In order to enable the future adoption of backward-compatible extensions to the H.262 syntax, the proper decoder response to the presence of reserved extension data must be clearly specified. This technical corrigendum corrects an oversight in the description of the decoder response to such data.

FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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As of the date of approval of this Recommendation, ITU had received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementors are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database.

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TECHNICAL CORRIGENDUM 1

1)   Subclause 6.2.2.2.1

Replace the syntax table with the following:

extension_data(i) {	No. of bits	Mnemonic
while (nextbits()== extension_start_code) {		
extension_start_code	32	bslbf
if (i == 0) { /* follows sequence_extension() */		
if (nextbits()== "Sequence Display Extension ID")		
sequence_display_extension()		
else if (nextbits()		
== "Sequence Scalable Extension ID")		
sequence_scalable_extension()		
else		
while (nextbits() != '0000 0000 0000 0000 0000 0001')		
reserved_extension_data_byte	8	uimsbf
}		
/* NOTE – i never takes the value 1 because extension_data()		
never follows a group_of_pictures_header() */		
if (i == 2) { /* follows picture_coding_extension() */		
if (nextbits() == "Quant Matrix Extension ID")		
quant_matrix_extension()		
else if (nextbits() == "Copyright Extension ID")		
copyright_extension()		
else if (nextbits() == "Picture Display Extension ID")		
picture_display_extension()		
else if (nextbits()		
== "Picture Spatial Scalable Extension ID")		
picture_spatial_scalable_extension()		
else if (nextbits()		
== "Picture Temporal Scalable Extension ID")		
picture_temporal_scalable_extension()		

else if (nextbits()		
== "Camera Parameters Extension ID")		
camera_parameters_extension()		
else if (nextbits()		
== "ITU-T Extension ID")		
ITU-T_extension()		
else		
while (nextbits() != '0000 0000 0000 0000 0000 0001')	8	uimsbf
reserved_extension_data_byte		
}		
}		
}		

2)   New subclause 6.3.4.2

Add the following after subclause 6.3.4.1:

6.3.4.2   Extension data

reserved_extension_data_byte – Reserved for possible future backward-compatible extensions to be specified by ITU-T | ISO/IEC. A decoder conforming to this Specification that encounters reserved_extension_data_byte in a bitstream shall ignore it (i.e. remove from the bitstream and discard). A bitstream conforming to this Specification shall not contain this syntax element.

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