



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

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STANDARDIZATION SECTOR
OF ITU

T.82

Corrigendum 2
(03/2001)

SERIES T: TERMINALS FOR TELEMATIC SERVICES

Information technology – Coded representation of
picture and audio information – Progressive bi-level
image compression

Technical Corrigendum 2

ITU-T Recommendation T.82 – Corrigendum 2

(Formerly CCITT Recommendation)

**INTERNATIONAL STANDARD ISO/IEC 11544
ITU-T RECOMMENDATION T.82**

**INFORMATION TECHNOLOGY – CODED REPRESENTATION
OF PICTURE AND AUDIO INFORMATION – PROGRESSIVE
BI-LEVEL IMAGE COMPRESSION**

TECHNICAL CORRIGENDUM 2

Summary

Corrigendum 2 makes changes to 6.1.2, 6.2.6.1, 6.2.6.2, 6.2.6.3 (and Technical Corrigendum 1) and 6.8.2.9 and to Figure 27.

Source

Corrigendum 2 to ITU-T Recommendation T.82 was prepared by ITU-T Study Group 16 (2001-2004) and approved on 1 March 2001. An identical text is also published as Technical Corrigendum 2 to ISO/IEC 11544.

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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INTERNATIONAL STANDARD

ITU-T RECOMMENDATION

INFORMATION TECHNOLOGY – CODED REPRESENTATION
OF PICTURE AND AUDIO INFORMATION – PROGRESSIVE
BI-LEVEL IMAGE COMPRESSION

TECHNICAL CORRIGENDUM 2

1) Subclause 6.1.2

In 6.1.2, change the third dash as follows:

- A pixel reference in a stripe above the current one shall return the actual value of the pixel, unless the pixel is above the image or in the previous stripe of this layer which is terminated with **SDRST**, in which case the background-border-rule for the image top shall be applied.

2) Subclause 6.2.6.1

In 6.2.6.1, change the last paragraph as follows:

For the first stripe of a layer, or after **SDRST** at the end of the previous stripe in a layer, set AT pixel to its default location. After **SDNORM** at the end of the previous stripe in a layer, set AT pixel location to its value at the end of the previous stripe of the layer.

Further discussion of adaptive template pixels and the variables y_{AT} , τ_X , and τ_Y appears in 6.7.3.

3) Subclause 6.2.6.2

Change "The new-length marker" to "The NEWLEN marker" in Note 1 of 6.2.6.2.

4) Subclause 6.8.2.9

In 6.8.2.9, change the first sentence as follows:

If this stripe is at the top of the image or the previous stripe of this layer is terminated with **SDRST**, the probability-estimation states for all possible values of **CX** are set to 0 (that is, the equiprobable state).

5) **Figure 27**

Change Figure 27 as follows:

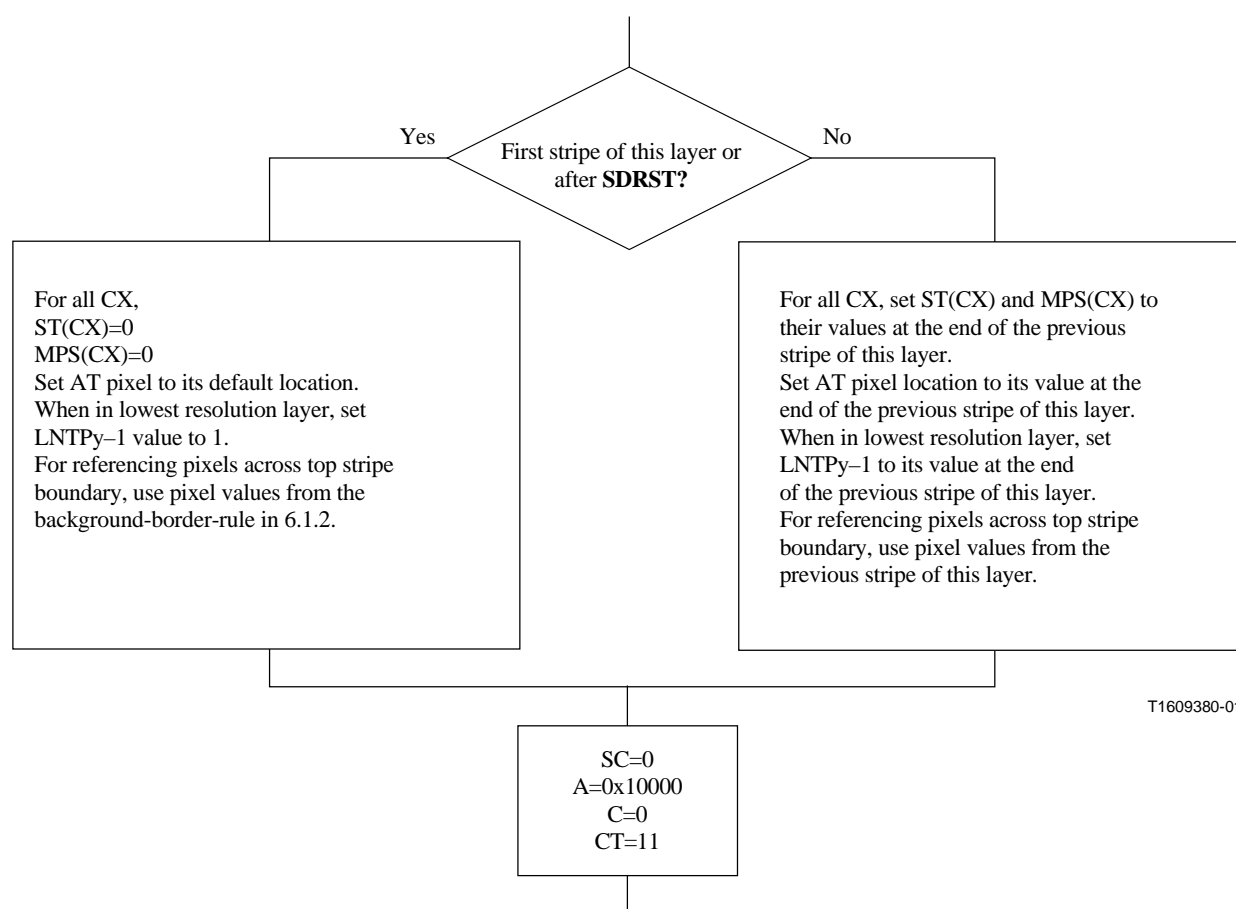


Figure 27 – Flow diagram for the procedure INITENC

6) **Technical Corrigendum 1**

Change Technical Corrigendum 1, III 8) to the following:

"Change the three instances of "comment" or "Comment" to "COMMENT" in 6.2.6.3".

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