JT-T503 A Document application Profile for the Interchange of Group 4 Facsimile Documents

1. Relations with international standards

This standard describes a document application profile for the interchange of Group 4 Facsimile documents. This standard is based on ITU-T Recommendation T.503 that was agreed on the Resolution No.1 at the ITU-T SG8 meeting in March 1999.

2. Summary of departures from ITU-T Recommendations

2.1　Selection of options from the International Recommendations

None

2.2　Selection of national matters from the International Recommendations

To consider the discussion in ITU-T meeting, it was decided to describe that bits per colour components of colour image is represented by three integers rather than single integer. A note was added at the bottom of section B.4.2.

2.3 Advanced items

In this standard, the following item is advanced from the ITU-T Recommendation.

(a)Resolutions for colour and gray-scale images

For clarification, the item is added that was approved by study group with the intent of adoption in February 2000 at the ITU-T SG8 meeting in March 1999.

2.4　Others

(1)　　　Modifications to International Recommendation

Through the study of this Standard referring to the basic International Standard,　it is clarified that the following erroneous items should be corrected in order to maintain the compatibility with other Recommendations.

Points to be corrected	Text in International Recommendation	Corrected text in this Standard
Table 6-6/JT-T503	Content portion identifier	Content portion layout
B.8.3	application code APP1	application marker APP1
B.8.4	((application- (---)))	(application --(---　　))
B.9.2 and B.9.6	PrintableString	ObjectIdentifier
B.9.2 example	2F23 horizontal	2E23 horizontal
B.9.2 example	02 colour-space-id	01 colour-space-id
B.9.6 example	A5 01 01 interleaving-	(deleted)
B.9　　example	mistake of LI , ::=	(amended)
Table C-3/JT-T503	Table B.4	Table B-2/JT-T503
Table C-4/JT-T503	Table 3/T.563	Table 3-4/JT-T563
C.7.1	[10]IMPLICIT　　Subsampling OPTIONAL,	[10]IMPLICIT Subsampling OPTIONAL}
C.7.1　example	80 01 02	80 01 01
C.7.3	OPTION	OPTIONAL,
C.7.3	[10]IMPLICIT Subsampling OPTIONAL,	[10]IMPLICIT Subsampling OPTIONAL}
C.7.3　（４）	31 1A	31 18

3. History of revision

Version No.	Date	Content of revision

1st Version	April 28,1989	First edition
2nd Version	April 26,1991	Related modification and refined expression of the text due to addition of North American paper size,etc.
3rd Version	April 27,1995	Modification due to the addition of extension for continuous-tone colour and gray-scale image document
4th Version	April 24,1996	Modification due to the addition of Progressive bi-level image compression
5th Version	April 28,1998	Modification due to the addition of extension for colour and gray-scale image documents using lossless coding scheme
6th Version	April 20,2000	Modification due to the addition of higher resolutions for colour and gray-scale

4. Others

(1) Recommendations and Standards for reference

TTC Standards　　　　　:　JT-T42, JT-T43, JT-T85,JT-T563

ITU-T Recommendations: T.6, T.81,T.82, T.411, T.412, T.414, T.415, T.417

　X.208, X.209

ISO/IEC standards　　　:ISO/IEC 10918-1, 11544,CIE publication No.15.2