Default values for application defined attributes defined in Recommendation T.564 and mapped to the attribute application comments defined in Recommendation T.412

List of attributes	Default value
wBlock:w Display-indication	"Mandatory"

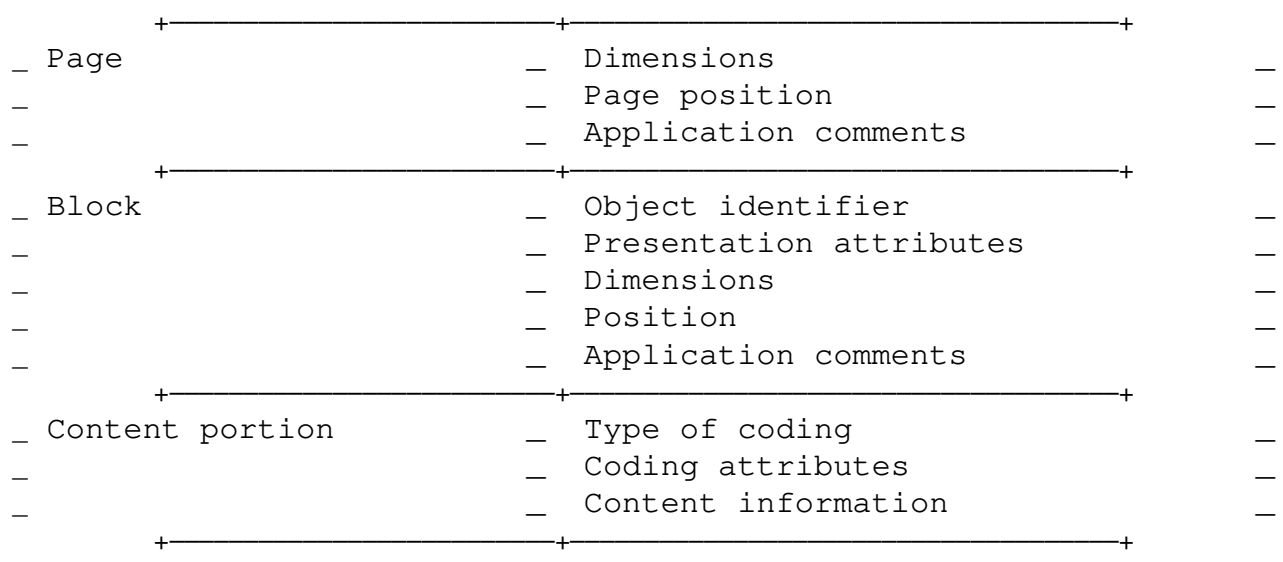
ANNEX A

(to Recommendation T.504)

Summary of ASN.1 object identifiers

This Annex is an integral part of this Recommendation.

ASN.1 object identifier value	Description	Section
0 1 8 16 0	Object identifier for this document application profile	Table 4/T.504, § 6.3


Page
Dimensions
Page position
Application comments
Block
Object identifier
Presentation attributes
Dimensions
Position
Application comments
Content portion
Type of coding
Coding attributes
Content information

Document profile descriptor

Data element name	Class	Value	Comments
Document profile descriptor	M		
Specific layout structure	m	1	Presence of specific layout structure
Document characteristics	M		
Document application profile	m	0 1 8 16 0	Object identifier
Document application profile default	m		See Note 1
Document architecture class	m	1	FDA
Content architecture classes	m	0 1 8 16 3	Object identifier
Interchange format class	m	"B"	
ODA version	m		
Unit scaling	m		
Document management attributes	NM		See Note 2
Title	nm		
Document date and time	nm		
Owners	nm		
Document reference	nm		
Additional information	nm		

Note 1 – Default values differing from those defined in T.412 are specified for the attributes (see Table 3/T.504):

- content architecture class;
- dimensions;
- page position;
- medium type.

Note 2 – The relation specified by this attribute is not taken into account within the videotex interworking application. It is used when printing on paper of a videotex page is intended.

TABLE 5/T.504

Default attributes that may be specified in a default value list

by the videotex application in terms of SMUs.

For the block, the position and dimensions are those of the page.

Note 2 – It has to be taken into account that within the national videotex systems the position is usually determined by (1,1).

Attribute values for layout objects

Attribute	Basic value	Default value	Non-basic value
Shared attributes			
Object type	Document layout root Page Block	None	None None None
Object identifier	See Rec. T.412	None	None
Content architecture class	Videotex content architecture		None
Default value lists	See Table 5/T.504	None	None
Application comments	See Rec. T.564 None	See Table 6/T.504	
Layout attributes			
Position	See Rec. T.412 and Notes 1 and 2	(0,0)	None
Dimensions	See Rec. T.412 and Notes 1 and 2	(40,24)	None
Page position	See Rec. T.412 and Note 1	(0,0)	None
Medium type	See Rec. T.412	((40,24), unspecified)	None

Note 1 – Positions and dimensions are specified by using scaled measurement units. The unit scaling factor is defined by the attribute "unite scaling" within the document profile. The "nominal page size" within the attribute

attribute may be omitted if the value can be derived unambiguously from the transmission sequence of the relevant objects and content portions.

Note 2 – The use of these attributes applicable to content portions is specified in Recommenda-tion T.101.

Attributes applicable to layout objects

Attribute	Document layout root	Page	Block
Shared attributes			
- Object type	m	m	m
- Object identifier (Note 1)	m	m	m
- Subordinates	*	*	*
- Content architecture class	--	d	d
- Default value list	nm	--	--
- Application comments	--	--	d
Layout attributes			
- Position (Note 2)	--	--	d
- Dimensions (Note 2)	--	d	d
- Page position	--	d	--
- Medium type	--	d	--

Note 1 – According to the specifications of Recommendation T.412 this attribute may be omitted if the value can be derived unambiguously from the transmission sequence of the relevant objects.

Note 2 – For the block, the value of the attributes position and dimensions is restricted to those of the page. Using other values is for further study.

TABLE 2/T.504

Attributes applicable to content portions

Attribute	Content portion
- Content identifier layout (Note 1)	m
- Type of coding	d
- Coding attributes (Note 2)	d
- Content information (Note 2)	d

5.3.2.1Page format

The page format is expressed in accordance with the definition of the videotex service or videotex terminal, by using scaled measurement units. The relation between BMUs and SMUs is specified in the document profile.

5.3.2.2Block size

The position and the dimension of the blocks are restricted to be equal to those of the page. Block size not equal to page is for further study.

6Definition of the document application profile

6.1Overview

6.1.1Document architecture level

The document application profile makes use of document architecture class FDA as defined in Recommendation T.412.

The document architecture level includes the following structure:

-a specific layout structure.

The document architecture level is defined in Tables 1/T.504, 2/T.504 and 3/T.504.

6.1.2Content architecture level

The content architecture level that may be used in documents conforming to this document application profile is as follows:

-"Videotex"

Details are specified in Recommendation T.101.

6.2Document profile level

The document profile level used in this document application profile is defined in Table 4/T.504. Every document interchanged in accordance with this document application profile must include a document profile.

6.2.1Interchange format class

The interchange format class used in this document application profile is "B" as defined in Recommendation T.415.

6.2.2Definition of document structure

The document structure contains a specific layout structure. The number of hierarchical levels is 3, namely:

-document layout root;
-page;
-block.

All these levels are mandatory.

At most one content portion can be associated with one block.

6.3Specification of attributes

The attributes applicable to constituents of the layout structure are defined in Tables 1/T.504 and 2/T.504, using the following notation:

---attribute not applicable;
mattribute is mandatory;
nmattribute is non-mandatory;
dattribute is defaultable;
*exceptionally not used by this document application profile.

-Rec. X.227: Association control service specification for open systems interconnection for CCITT applications

-Rec. T.101: International interworking for videotex services
-Rec. T.400: Introduction to document architecture, transfer and manipulation
-Rec. T.411: Open document architecture (ODA) and interchange format - Introduction and general principles

-Rec. T.412: Open document architecture (ODA) and interchange format - Document structures -Rec. T.414: Open document architecture (ODA) and interchange format - Document profile
-Rec. X.415: Open document architecture (ODA) and interchange format - Open document interchange format (ODIF)

-Rec. T.431: Document transfer and manipulation (DTAM) - Services and protocols - Introduction and general principles

-Rec. T.432: Document transfer and manipulation (DTAM) - Services and protocols - Service definition

-Rec. T.433: Document transfer and manipulation (DTAM) - Services and protocols - Protocol specification

-Rec. T.441: Document transfer and manipulation (DTAM) - Operational structure
-Rec. T.523: Communication application profile DM1 for videotex interworking
-Rec. T.541: Operational application profile for videotex interworking
-Rec. T.564: Gateway characteristics for videotex interworking

4Definitions

The definitions of T.400 Series of Recommendations apply also to this Recommendation.

5Characteristics supported by this document application profile

5.1Overview

A videotex document is the information that is retrieved by a single user function and presented as a complete entity. Therefore the purpose of this document application profile is to allow the recipient to image the layout of the interchanged document as intended by the originator.

This section specifies the functional description of the features supported by this document application profile.

5.2Logical characteristics
Not used.
5.3Layout characteristics
5.3.1Layout document structure
At a given time a document contains one single page which contains one or more blocks.
The content of the block is:
-"Videotex" content.

5.1Overview
5.2Logical characteristics
5.3Layout characteristics

6Definition of the document application profile
6.1Overview
6.2Document profile level
6.3Specification of attributes

Annex A - Summary of ASN.1 object identifiers

1Scope

1.1This Recommendation defines a document application profile which conforms to T.400 Series of Recommendations.

Its purpose is to specify a document architecture level and a content architecture level, and to select an interchange format class suitable for videotex interworking as defined in configuration 1 of Recommendation F.300 and in Recommendation T.564.

2Field of application

This Recommendation defines a document that is in conformance with the T.400 Series of Recommendations and that allows inter-working between two videotex services using configuration 1 defined in CCITT Recommendation F.300 and Recommendation T.564. The videotex documents are interchanged only in a formatted form, allowing the recipient to reproduce them as intended by the originator.
This document application profile is defines the features of the document structure that can be interchanged.

3References

-Rec. F.300: Videotex service

-Rec. X.200: Reference model of open systems interconnection for CCITT applications
-Rec. X.213: Network service definition for open systems interconnection for CCITT applications

-Rec. X.214: Transport service definition for open systems interconnection of CCITT applications

-Rec. X.224: Transport protocol specification for open systems interconnection for CCITT applications

-Rec. X.215: Session service definition for open systems interconnection of CCITT applications

-Rec. X.225: Session protocol specification for open systems interconnection for CCITT applications

-Rec. X.216: Presentation service definition for open systems interconnection for CCITT applications

-Rec. X.226: Presentation protocol specification for open systems interconnection for CCITT applications

DOCUMENT APPLICATION PROFILE FOR VIDEOTEX INTERWORKING

CONTENTS

1Scope

2Field of application
3References
4Definitions