

DEFECT REPORT FORM

1. Defect Report Number: **237**

Title: ASN.1 defects

2. Source: CEN/ISSS/WS-DIR (ISSS-x520-1-R1)

3. Addressed to: ISO/IEC JTC1/SC6 and ITU-T SG 7
Editor Group on the Directory

4. (a) WG Secretariat: UK (BSI)

(b) ITU-T WP: WP 4

5. Date Circulated by WG Secretariat:

6. Deadline for Response from Editor:

7. Defect Report Concerning: ITU-T Rec. X.520 (1997) | ISO/IEC 9594-6:1998

8. Qualifier: Errors

9. References in Document: (e.g.: page, clause/section, figure, and/or table numbers)
5.2.9, 7.3 and Annex A.

10. Nature of Defect: (complete, concise explanation of the perceived problem)

In 5.2.1:

The attribute definition badly formatted. New line characters are missing

In 5.2.9:

the upper bound and the object identifier has been misspelled.

In 7.3:

The **localeContextSyntax** type starts with a lower case letter and there is two spaces between “::” and =.

A **DirectoryString** requires an upper bound.

In Annex A:

The **TeletexNonBasicParameters** does not need to be imported

ub-name is imported twice

Missing import in Annex A.

FacsimileTelephoneNumber type is missing a comma after first component

There is a syntax error in **x121Address** attribute type definition.

There is an error in **X121Address** type

The **languageContext** context definition is missing a right curly parenthesis at the end

The **Period** type is missing a right curly parenthesis after the **bitDay BITSTRING**

The **NamedDay** type has a spelling error.

The

```
-- id-at-encryptedTeletexTerminalIdentifier and
-- id-at-encryptedCollectiveTeletexTerminalIdentifier
```

place holder specifications spread over two lines.

The second line should be commented out.

In Annex C

The last component of the object identifier for the module should be **3**

ub-name occurs twice, while **ub-surname** is missing

11. Solution Proposed by the Source: (optional)

In 5.2.1:

Replace the attribute definition with:

```
name ATTRIBUTE ::= {
  WITH SYNTAX          DirectoryString {ub-name}
  EQUALITY MATCHING RULE caseIgnoreMatch
  SUBSTRINGS MATCHING RULE caseIgnoreSubstringsMatch
  ID                   id-at-name }
```

In 5.2.9

The upper bound shall be **ub-serial-number** and the object identifier shall be **id-at-serialNumber**.

In 7.3:

Change **localeContextSyntax** to **LocaleContextSyntax** two places and remove the two spaces between “::” and =.

Add **{ub-localeContextSyntax}** after **DirectoryString**

The same changes have to be made to Annex A.

In Annex C add **ub-localeContextSyntax** **INTEGER** **::=** **64** to the end of the list.

In Annex A:

Remove **TeletexNonBasicParameters** from the import from **MTSAbstractService**

Remove one occurrence of **ub-name** from the import from **UpperBounds**

Add **CONTEXT** to the import from **InformationFramework**

In the **FacsimileTelephoneNumber** type definition, add a comma after **TelephoneNumber**.

In the **x121Address** attribute type definition, replace **X121.Address** with **X121Address**

In **X121Address ::= NumericString (SIZE(1 ub-x121-address))** change the two spaces in the size specification to points, i.e. **SIZE(1..ub-x121-address)**

Add a right curly parenthesis in the **Period** type as shown:

```
bitDay    BIT STRING { sunday (0), monday (1), tuesday (2),  
wednesday (3), thursday (4), friday (5), saturday (6) },
```

In the **NamedDay** type, replace **ENUMARATED** with **ENUMERATED**.

Add two hypens to the start of the second line of
-- id-at-encryptedTeletexTerminalIdentifier.

Add two hypens to the start of both lines of
-- id-at-encryptedTeletexTerminalIdentifier

In Annex C

Change the last component of the object identifier for the module from **2** to **3**

The last occurrence of **ub-name** shall be changed to **ub-surname**

12. Editor's Response:

(any material proposed for processing as an erratum to, an amendment to, or a commentary on the IS or DIS final text/ITU Recommendation or Draft Recommendation is attached separately to this completed report).