DEFECT REPORT FORM

1.   Defect Report Number: 246

      Title: Miscellaneous updates to ITU-T Rec. X.520 | ISO/IEC 9594-6

2.   Source: CEN/ISSS/WS-DIR

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: FDAM 1 to ITU-T Rec. X.520 (1997) | ISO/IEC 9594-6 : 1998

8.   Qualifier: (e.g.: error, omission, clarification required)

Omission and clarifications

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

5.12.2 x) y) z) and aa)

5.12.5

6.8 item b) and c) just below the **ZonalResult** construct:

Annex A

Annex C

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

Subsequent to the issuing the FDAM 1 document, the following of minor problems were detected.

1) To have consistency in notation the

       id-pr-invalidSearchOptions should be changed to **id-pr-invalidSearchControlOptions**

2) **id-pr-missingSearchOptions** and **id-pr-missingServiceControlOptions** are not used

3) There is a requirement to return a list of matching rules in a notification attribute.

4) The **control** component of **SubstringAssertion** cannot specify an object reference.

5) The problems **unmatchedKeyAttributes** and **ambiguousKeyAttributes** have been made part of **serviceError** instead of **attributeError**.

6) ITU-T Rec. X.501 | ISO/IEC 9594-2 requires a new upper bound (**ub-search**)

11.   <u>Solution Proposed by the Source:</u> (optional)

In 5.12.2 x) change:

      id-pr-invalidSearchOptions to **id-pr-invalidSearchControlOptions**

Delete 5.12.2 y) and aa) and renumber accordingly.

Add new subclause an renumber accordingly:

5.12.5   Matching rule list

The *matching rule list* notification attribute gives a list of matching rules to further qualify a search service problem.

```
matchingRuleList ATTRIBUTE ::= {
      WITH SYNTAX                      OBJECT IDENTIFIER
      EQUALITY MATCHING RULE     objectIdentifierMatch
      ID                               id-not-matchingRuleList }
```

Change:

```
SubstringAssertion ::= SEQUENCE OF CHOICE {
      initial      [0]    DirectoryString {ub-match},
      any          [1]    DirectoryString {ub-match},
      final        [2]    DirectoryString {ub-match},
      control      ATTRIBUTE }     -- Used to specify interpretation of the following items
      -- at most one initial and one final component
```

to

```
SubstringAssertion ::= SEQUENCE OF CHOICE {
      initial      [0]    DirectoryString {ub-match},
      any          [1]    DirectoryString {ub-match},
      final        [2]    DirectoryString {ub-match},
      control      Attribute }   -- Used to specify interpretation of the following items
      -- at most one initial and one final component
```

The **Attribute** shall be imported from **informationFramework**.

In 6.8 item b) and c) just below the **ZonalResult** construct change "attribute error" to **serviceError**.

In --*Problem definitions* -- section of Annex A change:

id-pr-invalidSearchOptions   OBJECT IDENTIFIER   ::=   {id-pr 26}

to

id-pr-invalidSearchControlOptions   OBJECT IDENTIFIER   ::=   {id-pr 26}

Delete:

id-pr-missingSearchOptions   OBJECT IDENTIFIER   ::=   {id-pr 27}

id-pr-missingServiceControlOptions   OBJECT IDENTIFIER   ::=   {id-pr 29}

and renumber OIDs accordingly.

Add the following to Annex C:

ub-search   INTEGER   ::=   32768

(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).