DEFECT REPORT FORM

1. <u>Defect Report Number</u>: **248**

Title: ASN.1 error in NHOBSubordinateToSuperior

- 2. <u>Source</u>: 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. <u>Date Circulated by WG Secretariat</u>:
- 6. <u>Deadline for Response from Editor</u>:
- 7. <u>Defect Report Concerning</u>: ITU-T Rec. X.518 (1997) | ISO/IEC 9594-4 : 1998
- 8. Qualifier: (e.g.: error, omission, clarification required)

Errors

- 9. <u>References in Document</u>: (e.g.: page, clause/section, figure, and/or table numbers)
- 25.1.4 and Annex D
- 10. <u>Nature of Defect</u>: (complete, concise explanation of the perceived problem)
- 25.1.4 specifies:

```
NHOBSubordinateToSuperior ::= SubordinateToSuperior (
WITH COMPONENTS { ..., alias ABSENT, entryInfo ABSENT})
```

However, **alias** is not an **OPTIONAL** element of **SubordinateToSuperior**. Only optional elements can be excluded by the **ABSENT** item. It is not enough to make Bancroft happy that it has a default.

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

In 25.1.4 and in Annex D replace:

```
NHOBSubordinateToSuperior ::= SubordinateToSuperior ( WITH COMPONENTS { ..., alias ABSENT, entryInfo ABSENT})
```

with:

```
NHOBSubordinateToSuperior ::= SEQUENCE {
```

accessPoints [0] MasterAndShadowAccessPoints OPTIONAL,

subentries [3] SET OF SubentryInfo OPTIONAL }

12. <u>Editor's Response</u>:

(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).