

## DEFECT REPORT FORM

1. Defect Report Number:                   **242**

Title:   Size constraint on optional SET OF or SEQUENCE OF

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: all recommendations and parts that contain ASN.1

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

clarification

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

Any place where an optional SET OF and SEQUENCE OF occurs. As an example, in X.511|9594-3 in the PartialOutcomeQualifier type the line “unexplored [1] SET OF ContinuationReference OPTIONAL,” should be changed to “unexplored [1] SET OF ContinuationReference Size {1..max} OPTIONAL,”

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

Unless different semantics are to be signalled by having an optional SET OF or SEQUENCE OF empty or by having it missing, the empty variation should be prohibited.

11. Solution Proposed by the Source: (optional)

Add a size constraint to set the minimum number of members in the SET OF or SEQUENCE OF to one, i.e. {1..max}, or whatever maximum is desired.

12. Editor's Response:

Accepted. The TC editor will search each standard for any occurrence of optional SET OFs and SEQUENCE OFs and will insert the size constraint to set the minimum number of elements to one.