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TECHNICAL CORRIGENDUM 1

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Information technology — ASN.1 encoding rules: Specification of Packed Encoding Rules (PER)

TECHNICAL CORRIGENDUM 1

Technologies de l'information — Règles de codage ASN.1: Spécification des règles de codage compactes (PER)

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO/IEC 8825-2:2002 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 6, *Telecommunications and information exchange between systems,* in collaboration with ITU-T. The identical text is published as ITU-T Rec. X.691(2002)/Cor.1(05/2005).

Conventions used in this corrigendum: Original, unchanged, text is in normal font*. Deleted text is struck-through, thus:* ~~deleted text~~*. Inserted text is underlined, thus:* <u>inserted text</u>.

1) Subclause 10.1.4

Add the following note to 10.1.4 (retaining the existing note as NOTE 1):

<u>NOTE 2 – Zero-length octet-aligned bit-fields can never be present in the field-list (see 10.9.3.3).</u>

2) Subclause 27.5.7

Replace 27.5.7 with the following:

27.5.7 If "aub" does not equal "alb" or is greater than or equal to 64K, then 10.9 shall be invoked to add <u>the bit-field preceded by</u> a length determinant with "n" as a count of the characters in the character string with a lower bound for the length determinant of "alb" and an upper bound of "aub". The bit-field shall ~~then~~ be added as a field (octet-aligned in the ALIGNED variant) if "aub" times "b" is greater than or equal to 16, but shall otherwise be added as a bit-field that is not octet-aligned. This completes the procedures of this subclause.

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3) Subclause 27.6.3

Replace 27.6.3 with the following:

27.6.3 Subclause 10.9 shall be invoked to add ~~an unconstrained length determinant with "n" as a count in octets and~~ the field of "n" octets ~~shall be added~~ as a bit-field (octet-aligned in the ALIGNED variant), preceded by an unconstrained length determinant with "n" as a count in octets, completing the procedures of this subclause.

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