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AMENDMENT 2
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Information technology — ASN.1 encoding rules: XML Encoding Rules (XER)

AMENDMENT 2: Time type support

Technologies de l'information — Règles de codage ASN.1: Règles de codage XML (XER)

AMENDEMENT 2: Support type de temps

Reference number
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INTERNATIONAL STANDARD
ITU-T RECOMMENDATION

Information technology – ASN.1 encoding rules: XML Encoding Rules

Amendment 2: Time type support

1) Contents

Update the Contents as follows:

9.13 The `TIME` type and the useful time types

2) New subclause 9.13

Insert new subclause 9.13 as follows:

9.13 The `TIME` type and the useful time types

The "XMLTimeValue" for these types shall be modified as follows:

a) all commas used as decimal signs shall be converted to full stop;

b) the minutes digits for all time difference components that are an integral number of hours shall be removed;

c) if an interval or recurring interval contains a start point and an end point, and the end point contains the same time difference component as the start point, the time difference component of the end point shall be removed;

d) for a duration, and for a duration in an interval (or in an interval in a recurring interval) expressed with a start point and a duration or with a duration and an end point, the value notation shall be modified to remove all zero time components except the least significant time component that is present in the instance of the value notation.

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