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TECHNICAL CORRIGENDUM 1

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Information technology — Database languages — SQL — Part 14: XML-Related Specifications (SQL/XML)

TECHNICAL CORRIGENDUM 1

Technologies de l'information — Langages de base de données — SQL —
Partie 14: Spécifications relatives au XML (SQL/XML)

RECTIFICATIF TECHNIQUE 1

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6 Scalar expressions

6.6 <XML cast specification>

1. *Rationale: Correct an error in the rule structuring.*

   Replace the lead text of General Rule 4) i) viii) 2) with:

   4) ...

      i) ...

         viii) ...

            2) If *SQLT* is TIME WITH TIME ZONE, then:

               Case:

7 Query expressions

7.1 <table reference>

1. *Rationale: Correct an incorrect syntactic transformation.*

   Replace Syntax Rule 5) h) with:

   5) ...

      h) *TP* is equivalent to the <table primary>

```
LATERAL
  ( XNDC
    SELECT SLI_1 AS CN_1, SLI_2 AS CN_2, ..., SLI_NC AS CN_NC
    FROM XMLITERATE ( XMLQUERY ( XTRP XQAL
                      RETURNING SEQUENCE BY REF EMPTY ON EMPTY ) )
         AS I ( V, N )
  ) AS CORR DCLP
```

8 Predicates

8.1 <predicate>

1. *Rationale: Supply missing definition.*

   Insert the following Syntax Rules:

   1) |Insert after SR 1) f)| *P* contains a <XML valid predicate> *XVP* that satisfies one of the following:

      a) *XVP* does not specify <XML valid according to clause>.

      b) *XVP* specifies an <XML valid according to clause> that identifies a non-deterministic registered XML Schema and XVP does not specify an <XML valid element name specification> of an <XML valid element namespace specification>.

      c) *XVP* specifies an <XML valid according to clause> that identifies a non-deterministic XML namespace and XVP does not specify an <XML valid element name specification>.

      d) *XVP* specifies an <XML valid element clause> that identifies a non-deterministic global element declaration schema component of a registered XML Schema.

   2) |Insert after SR 1) f)| *P* contains a <XML exists predicate> that does not conform to implementation-defined rules enabling the SQL-implementation to deduce that the result of the <XML exists predicate> is deterministic.

9 Mappings

9.10 Mapping an SQL table to an XML element or a sequence of XML elements

1. *Rationale: Correct an error in the rule structuring.*

   Replace the lead text of General Rule 5) a) with:

   5) ...

      a) If *XSL* is not the zero-length string, then:

         Case: