

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

Q.115.0

Corrigendum 1
(06/2007)

SERIES Q: SWITCHING AND SIGNALLING

Clauses applicable to ITU-T standard systems – Logic and protocols for the control of signal processing network elements and functions

Protocols for the control of signal processing
network elements and functions

Corrigendum 1

ITU-T Recommendation Q.115.0 (2002) – Corrigendum 1

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ITU-T Recommendation Q.115.0

Protocols for the control of signal processing network elements and functions

Corrigendum 1

Summary

This corrigendum is to correct a very serious error in ITU-T Recommendation Q.115.0 (2002).

Source

Corrigendum 1 to ITU-T Recommendation Q.115.0 (2002) was approved on 13 June 2007 by ITU-T Study Group 11 (2005-2008) under the ITU-T Recommendation A.8 procedure.

FOREWORD

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In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

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ITU-T Recommendation Q.115.0

Protocols for the control of signal processing network elements and functions

Corrigendum 1

1) Introduction

ITU-T Recommendation Q.115.0 (2002) introduces a new SPNE Control package that extends the TDM Package (tdmc) which in turn extends the Network Package (nt).

However, both the SPNE Control Package and the Network Package define a property with identity (0x0007).

e.g.,

```
SPNE Control Package
PackageID: spne (0x0069)
Noise Reduction
PropertyID: in-nrd (0x0007)
```

```
Network Package
PackageID: nt (0x000b)
Maximum Jitter Buffer
PropertyID: jit (0x0007)
```

The use of the property (0x0007) by both packages results in an overlap of the namespace which would result in error in that a media gateway would not know whether to implement the Noise Reduction or the Maximum Jitter Buffer functionality.

In order to avoid this conflict, the SPNE control package Noise Reduction property is renumbered to (0x000e).

2) Correction to clause 7.2

7.2 VoIP

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Noise Reduction

PropertyID: in-nrd (~~0x0007~~0x000e)

This controls the incoming noise reduction function of a TDM termination. The characteristics of the incoming noise reduction function type is determined and configured by manufacturer and/or carrier.

Type: enumeration

Possible values:

- DISABLE INCOMING (0x0000)
- ENABLE INCOMING TYPE 0 (0x0001)
- ENABLE INCOMING TYPE 1 (0x0002)
- ENABLE INCOMING TYPE 2 (0x0003)
- ENABLE INCOMING TYPE 3 (0x0004)

Defined in: LocalControlDescriptor

Characteristics: Read/Write

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