INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

Q.835
Corrigendum 1
(03/2001)

SERIES Q: SWITCHING AND SIGNALLING

Q3 interface

Line and line circuit test management of ISDN and analogue customer accesses
Corrigendum 1

ITU-T Recommendation Q.835 – Corrigendum 1

ITU-T Q-SERIES RECOMMENDATIONS

SWITCHING AND SIGNALLING

For further details, please refer to the list of ITU-T Recommendations.

ITU-T Recommendation Q.835

Line and line circuit test management of ISDN and analogue customer accesses

CORRIGENDUM 1

Summary

This technical corrigendum corrects defects identified in ITU-T Q.835 (1999). It includes a table providing the relation between the defects and teh corrections. These corrections are specified as changes to existing clauses of ITU-T Q.835 (1999).

FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

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.

NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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As of the date of approval of this Recommendation, ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementors are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database.

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ITU-T Recommendation Q.835

Line and line circuit test management of ISDN and analogue customer accesses

CORRIGENDUM 1

1   Introduction

This technical corrigendum corrects a number of defects to ITU-T Q.835 that have previously been documented and resolved in the Q.830 Series Plus Implementers' Guide Version 1.0. This technical corrigendum replaces the Implementers' Guide as the authoritative source. However, the defects corrected in this corrigendum will be reflected in the Implementers' Guide until this corrigendum has been published.

Additional defects and resolutions will again be recorded in the Implementers' Guide and finally be published in an additional technical corrigendum or a revision of ITU-T Q.835.

2   Resolved defects

This technical corrigendum corrects the following defects reported against ITU-T Q.835 (1999):

Defect number	Issue	Correction No.
DR-Q835-1	Unrecognized ASN.1 reference	4
DR-Q835-2	Unrecognized ASN.1 type definition	4
DR-Q835-3	Unrecognized ASN.1 type definition	1, 2, 3, 5
DR-Q835-4	Unrecognized ASN.1 type definition	4

1)   Clause 6.1.3.8 "Loop test"

Modify:

```
loopbackDuration DEFAULT VALUE ASN1LLCTTypeModule.defaultLoopBackDuration            GET,
loopbackPosition DEFAULT VALUE ASN1LLCTTypeModule.defaultLoopBackPosition             GET,
loopbackChannel DEFAULT VALUE ASN1LLCTTypeModule.defaultLoopBackChannel               GET;
```

to read:

```
loopbackDuration DEFAULT VALUE ASN1LLCTTypeModule.defaultLoopbackDuration             GET,
loopbackPosition DEFAULT VALUE ASN1LLCTTypeModule.defaultLoopbackPosition             GET,
loopbackChannel DEFAULT VALUE ASN1LLCTTypeModule.defaultLoopbackChannel               GET;
```

2)   Clause 6.7.16 "Loop back test uncontrolled request"

Modify:

```
loopBackTestUncontrolledRequest PARAMETER
        CONTEXT  Test-ASN1Module.TestRequestUncontrolledInfo.testCategoryInformation;
        WITH SYNTAX ASN1LLCTTypeModule.LoopBackTestUncontrolledRequestType;
        BEHAVIOUR
        loopBackTestUncontrolledRequestBehaviour BEHAVIOUR
        DEFINED AS "The loopBackTestUncontrolledRequest parameter is used to request a loopback at a
        certain loopback point, to apply a test pattern and to determine differences between the sent and received
        test pattern. Contained in the request are duration and position of the loopback and the channel(s) to which
        the loopback shall be applied.";;
REGISTERED AS {q835Parameter 16};
```

to read:

> loopbackTestUncontrolledRequest **PARAMETER**
>> CONTEXT Test-ASN1Module.TestRequestUncontrolledInfo.testCategoryInformation;
>> WITH SYNTAX ASN1LLCTTypeModule.LoopbackTestUncontrolledRequestType;
>> **BEHAVIOUR**
>> loopbackTestUncontrolledRequestBehaviour **BEHAVIOUR**
>> **DEFINED AS** "The loopbackTestUncontrolledRequest parameter is used to request a loopback at a certain loopback point, to apply a test pattern and to determine differences between the sent and received test pattern. Contained in the request are duration and position of the loopback and the channel(s) to which the loopback shall be applied.";;
>
> **REGISTERED AS** {q835Parameter 16};

3)   Clause 6.7.17 "Loop back test uncontrolled result"

Modify:

> loopBackTestUncontrolledResult **PARAMETER**
>> CONTEXT Test-ASN1Module.TestRequestUncontrolledResult.additionalInformation;
>> WITH SYNTAX ASN1LLCTTypeModule.LoopBackTestUncontrolledResult;
>> **BEHAVIOUR**
>> loopBackTestUncontrolledResultBehaviour **BEHAVIOUR**
>> **DEFINED AS** "The loopBackTestUncontrolledResult parameter contains the result(s) of previously requested loopback tests including the comparison of the sent and received test patterns and is carried in the additional information field of the uncontrolled test response";;
>
> **REGISTERED AS** {q835Parameter 17};

to read:

> loopbackTestUncontrolledResult **PARAMETER**
>> CONTEXT Test-ASN1Module.TestRequestUncontrolledResult.additionalInformation;
>> WITH SYNTAX ASN1LLCTTypeModule.LoopbackTestUncontrolledResult;
>> **BEHAVIOUR**
>> loopbackTestUncontrolledResultBehaviour **BEHAVIOUR**
>> **DEFINED AS** "The loopbackTestUncontrolledResult parameter contains the result(s) of previously requested loopback tests including the comparison of the sent and received test patterns and is carried in the additional information field of the uncontrolled test response";;
>
> **REGISTERED AS** {q835Parameter 17};

4)   Clause 6.8 "ASN.1 defined types module"

a)   *Delete:*

> *-- ITU-T Recommendation Q.831*
> DigitComb
> FROM ASN1FPLETypeModule {itu-t(0) recommendation(0) q(17) fpv5(831)
> informationModel(0) asn1Modules(2) fpV5LEModule(0)}

b)   *Modify:*

> *-- ITU-T Recommendation X.737*
> ErrorRatioReportType,
> LoopBackTestResults,
> TestPattern,
> TestConditions
> **FROM** TestCategories-ASN1Module {joint-iso-ccitt ms(9) function(2) part14(14) asn1Module(2) 1}
> **;**

> *to read:*

> *-- ITU-T Recommendation X.737*
> ErrorRatioReportType,
> LoopbackTestResult,
> TestPattern,

TestConditions
FROM TestCategories-ASN1Module {joint-iso-ccitt ms(9) function(2) part14(14) asn1Module(2) 1}
;

c)   *Add:*

   DigitComb ::= IA5String (FROM ("0"|"1"|"2"|"3"|"4"|"5"|"6"|"7"|"8"|"9"|"A"|"B"|"C"|"D"|"E"|"F"))

in front of:

   ElectricalMeasurementTestResult

d)   *Modify:*

   LoopbackTestUncontrolledResult ::= LoopbackTestResults

to read:

   LoopbackTestUncontrolledResult ::= LoopbackTestResult

e)   *Modify:*

   defaultTestConditions   TestConditions ::= {first rejectIfBusy, second noCustomerOverride}

to read:

   defaultTestConditions   TestConditions ::= {first rejectIfBusy, second noCustomerOverrideTest}

5)   Clause B.7 "ISDN loopback test"

a)   *Replace:*

   loopBackTestUncontrolledRequest

with:

   loopbackTestUncontrolledRequest

b)   *Replace:*

   loopBackTestUncontrolledResult

with:

   loopbackTestUncontrolledResult

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