Working Implementation Agreements for Open Systems Interconnection Protocols: Part 2 - Subnetworks

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Foreword

This part of the Working Implementation Agreements was prepared by the Lower Layers Special Interest Group (LLSIG) of the National Institute of Standards and Technology (NIST) Workshop for Implementors of Open Systems Interconnection (OSI). See Procedures Manual for Workshop charter.

Text in this part has been approved by the Plenary of the Workshop. This part replaces the previously existing chapter on this subject. There are some significant technical changes to this text as previously given.

Future changes and additions to this version of these Implementor Agreements will be published as a new part. Deleted and replaced text will be shown as strikeout. New and replacement text will be shown as shaded.

Table of Contents

Part 2 - Subnetworks

Editor's Note - All references to Stable Agreements in this Section are to Version 4 .

0 Introduction

(Refer to Stable Implementation Agreements Document)

1 Scope

(Refer to Stable Implementation Agreements Document)

2 Normative References

3 Status

This material is current as of December 14, 1990.

4 Errata

Errata are reflected in replacement pages of Version 4, Stable Document.

5 Local Area Networks

(Refer to Stable Implementation Agreements Document)

5.1 IEEE 802.2 Logical Link Control

(Refer to Stable Implementation Agreements Document)

5.2 IEEE 802.3 CSMA/CD Access Method

(Refer to Stable Implementation Agreements Document)

5.3 IEEE 802.4 Token Bus Access Method

(Refer to Stable Implementation Agreements Document)

5.4 IEEE 802.5 Token Ring Access Method

(Refer to Stable Implementation Agreements Document)

5.5 Fiber Distributed Data Interface (FDDI)

5.5.1 Token Ring Media Access Control (MAC, X3.139-1987)

(Refer to Stable Implementation Agreements Document)

Further study is needed to confirm whether a lower default value or range for T_Req would be useful.

5.5.2 Token Ring Physical Layer (PHY,X3.148-1988)

(Refer to Stable Implementation Agreements Document)

5.5.3 Physical Layer Media Dependent (PMD, X3.166-1989)

(Refer to Stable Implementation Agreements Document)

6 X.25 Wide Area Networks

6.1 CCITT Recommendation X.25

(Refer to the Stable Implementation Agreements Document).

6.2 ISO 7776

(Refer to the Stable Implementation Agreements Document).

6.3 ISO 8208

(Refer to the Stable Implementation Agreements Document).

7 Integrated Services Digital Networks (ISDN)

7.1 Introduction

(Refer to the Stable Implementation Agreements Document).

7.2 Implementation Agreements

(Refer to the Stable Implementation Agreements Document).

7.2.1 Physical Layer, Basic Access at "U"

(Refer to the Stable Implementation Agreements Document).

7.2.2 Physical Layer, Basic Access at S and T

(Refer to the Stable Implementation Agreements Document).

7.2.3 Physical Layer, Primary Rate at "U"

Editor's Note - The following changes to the current version of the SIA document are proposed:

- clause 7.2, figure 5: The reference 'ANS T1.403-1989' will be replaced by 'ANS T1.408-1990'

- clause 7.2.3: The current text of this part, including note 2 will be entirely deleted and replaced by the following: "7.2.3 Physical Layer, Primary Rate at S, T and U...ANS T1.408-1990, "ISDN Primary Rate - Customer Installation Metallic Interfaces - Layer 1 specification applies".

- part 2, clause 2, item 27 under ANSI references: The current reference to T1.403-1989 will be replaced by ANS T1.408-1990, "ISDN Primary Interface - Customer Installation Metallic Interfaces - Layer 1 Specification".

7.2.4 Data Link Layer, D-Channel

(Refer to the Stable Implementation Agreements Document).

7.2.5 Signaling

(Refer to the Stable Implementation Agreements Document).

7.2.6 Data Link Layer B-Channel

(Refer to the Stable Implementation Agreements Document).

7.2.7 Packet Layer

(Refer to the Stable Implementation Agreements Document).

Annex A (informative)

Cross Reference Between CCITT and ANSI Text Relating to ISDN Agreements

(Refer to the Stable Implementation Agreements Document.)

A.1 Data Link Layer, D-Channel

(Refer to the Stable Implementation Agreements Document.)

A.2 Signaling

(Refer to the Stable Implementation Agreements Document.)