Working Implementation Agreements for Open Systems Interconnection Protocols: Part 20 - Manufacturing Message Specification (MMS)

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Foreword

This part of the Working Implementation Agreements was prepared by the Manufacturing Message Specification (MMS) Special Interest Group (MMSSIG) 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 above-mentioned Workshop. No significant technical change has occurred in this part since it was previously presented.

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.

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Part 20 - Manufacturing Message Specification (MMS)

0 Introduction

(Refer to the Stable Agreements, dated June, 1991.)

1 Scope

(Refer to the Stable Agreements, dated June, 1991.)

2 Field of Application

3 Normative References

(Refer to the Stable Agreements, dated June, 1991.)

4 Definitions

(Refer to the Stable Agreements, dated June, 1991.)

5 Corrigenda and Addenda

None at time of publication.

6 Status

Phase 1 is in progress.

7 General Agreements

7.1 Max supported PDU size

(Refer to the Stable Agreements, dated June, 1991.)

7.2 FileName

(Refer to the Stable Agreements, dated June, 1991.)

8 Service-Specific Agreements

8.1 Environment and general management

(Refer to the Stable Agreements, dated June, 1991.)

8.2 VMD Support

8.3 Domain Management

8.3.1 List of capabilities

(Refer to the Stable Agreements, dated June, 1991.)

8.3.2 Initiate Download Sequence service

(Refer to the Stable Agreements, dated June, 1991.)

8.3.3 Download Segment service

(Refer to the Stable Agreements, dated June, 1991.)

8.3.4 Terminate Download Sequence service

(Refer to the Stable Agreements, dated June, 1991.)

8.3.5 Initiate Upload Sequence service

(Refer to the Stable Agreements, dated June, 1991.)

8.3.6 Upload Segment service

(Refer to the Stable Agreements, dated June, 1991.)

8.3.7 Get Domain Attributes service

(Refer to the Stable Agreements, dated June, 1991.)

8.3.8 Get Capability List service

(Refer to the Stable Agreements, dated June, 1991.)

8.4 Program Invocation Management

8.4.1 Start service

(Refer to the Stable Agreements, dated June, 1991.)

8.4.2 Stop service

(Refer to the Stable Agreements, dated June, 1991.)

8.4.3 Resume service

(Refer to the Stable Agreements, dated June, 1991.)

8.4.4 Reset service

(Refer to the Stable Agreements, dated June, 1991.)

8.5 Variable Access

8.5.1 Scattered access

(Refer to the Stable Agreements, dated June, 1991.)

8.5.2 Floating point

(Refer to the Stable Agreements, dated June, 1991.)

8.6 Semaphore Management

Semaphore services are not considered in Phase 1.

8.7 Operator Communication

(Refer to the Stable Agreements, dated June, 1991.)

8.8 Event Management

Event Management services are not considered in Phase 1.

8.9 Journal Management

Journal Management services are not considered in Phase 1.

Annex A (normative)

Backwards compatibility agreements

(Refer to the Stable Agreements, dated June, 1991.)

Annex B (normative)

DIS 9506 modifications required for backwards compatibility

(Refer to the Stable Agreements, dated June, 1991.)