



Encoding FIX Using ASN.1

Draft Standard

Technical Proposal

March 14, 2014

v0.4

Proposal Status: Public Comment

For Global Technical Committee Governance Internal Use Only

Submission Date	Dec 18, 2013	Control Number	
Submission Status	Submitted	Ratified Date	
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1 Introduction

The High Performance Working Group was formed with the goal of improving the fit-for-purposefulness of FIX for high performance. This proposal entails the use of *ASN.1 (Abstract Syntax Notation 1)* technology within FIX to produce fast and compact encodings of FIX messages.

The Release Candidate 1 Draft of the ASN.1 encoding specification ("Encoding FIX Using ASN.1 v0.9.docx") was posted for public review in June 2013 and no feedback comments were received. Therefore the document is now proposed, unchanged, as a Draft Standard.

1.1 Authors

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2 Requirements

2.1 Business Requirements

No additional requirements were identified during the public review period of Release Candidate 1.

2.2 Technical Requirements

No additional requirements were identified during the public review period of Release Candidate 1.

3 Issues and Discussion Points

None

4 References

Reference	Version	Relevance	Normative
Encoding FIX Using ASN.1 v0.9 RC1 technical specification	Final	Full specification as approved for RC1 in June 2013 by the FPL GTC	
Encoding FIX Using ASN.1 - Draft Standard	v0.3	Full specifications	

5 Relevant and Related Standards

Related Standard	Version	Reference location	Relationship	Normative
None				

6 Intellectual Property Disclosure

Related Intellection Property	Type of IP (copyright, patent)	IP Owner	Relationship to proposed standard
None			

7 Definitions

Term	Definition

8 Encoding FIX Using ASN.1

Revision 0.3 of the full specification for the ASN.1 Encoding of FIX is available as "Encoding FIX using ASN.1 - Draft Standard.docx".

The draft was modified with the addition of a clause (8) that specifies a message encoding header in complement to the session layer message framing header which will be defined as a separate FIX Technical Standard.

Appendix A - Usage Examples

None

Appendix B – Compliance Strategy

None