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Marlin Errata:
Marlin IPTV End-point Service Specification v1.0.2
Version 1.0
Final

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| Source | Marlin Developer Community |
| Date | December 1, 2010 |

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77 **1 Introduction**

78 The errata given in this document provides editorial and substantive changes to
79 clarify ambiguities, inconsistencies and inaccuracies in Marlin specifications.
80

81 ***1.1 Document Organization***

82 This document is organized by categorizing the severity of the errata as either
83 Editorial or Substantive. Within each category, each affected document or
84 specification is given a subsection to detail issue and resolution.
85

86 ***1.2 Document Conventions***

87 Suggested changes to the specifications are given on a paragraph by paragraph
88 basis. New text is indicated with underlines. Deleted text is not retained.
89

91 **2 Target Specifications**

92 This errata sheet covers the following specifications:

93

| | |
|-----------|--|
| [IPTV-ES] | Marlin IPTV End-point Service Specification, version 1.0.2 |
|-----------|--|

94

3 Substantive Errata

3.1 Marlin IPTV End-point Service Specification v1.0.2 Substantive Errata

3.1.1 Stream Encryption Signal

In Marlin IPTV End-point Specification v1.0.2 (and v1.0.1), the definition of streaming encryption signal for Simple Key Delivery and Direct Key Delivery which had been specified in v1.0 was missing. The following underlined text shall be added to [IPTV-ES] §6.1.1 to the first paragraph.

The TS/TTS is encrypted partially as is the case in Conditional Access System (CAS) defined in [MP2S]. Whether a TS/TTS packet is encrypted is signaled with transport_scrambling_control bits in the TS packet header. For Simple Key Delivery or Direct Key Delivery, when a TS/TTS packet is encrypted, the transport_scrambling_control bits SHALL be set to “10b”, otherwise “00b”. For Indirect Key Delivery, the transport_scrambling_control bits SHALL be set to “10b” when a TS/TTS packet is encrypted with the Scramble Key (even), to “11b” when encrypted with the Scramble Key (odd), or to “00b” when not encrypted.