

ETDSS Release Notes

22 November 2023



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Media Perspectives

Hilversum

The Netherlands

Reference: Event Triggering Workgroup

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1 Introduction

This document contains the release notes of the document 'Event Triggering Distribution Specification Supplement (ETDSS)'.

2 Updates

29 January 2019

1. Section 4.5 – Heartbeat – Improved text – The cycle of heartbeats should be restarted at presence of other messages.
2. Section 4.9 – Sample events – Added Figure 5 – Displays the application of segment numbering.
3. Section 5.2.1 – Base message – Scheduled – Improved description of pre-roll.
4. Section 5.3.1 – Base message – Immediate – The `time_signal_request_data()` descriptor was missing – Corrected.

3 June 2019

1. Section 2 – References – Updated compliancy of SCTE-35.
2. Section 4.5 – Message composition – Managed Private UPID (type 0x0C) added as preselected UPID type.
3. Section 5 – Message composition SCTE-35 – Corrected `descriptor_length` in Content Identification parts.
4. Section 5 – Message composition SCTE-35 and SCTE-104 – Exchanged private data, corresponding to the table in section 5.1.
5. Section 5.1 – Introduction – Improved text and rearranged table – Added explanation about null-terminated string.
6. Section 6.1 – Operator specific identifiers – Introduction – Improved text.
7. Section 6.2 – Operator specific identifiers – Added specification for broadcast organisation NPO.
8. Section 7 – Abbreviations – Updated.

8 November 2019

1. Section 3.2 – Generation and distribution – Minor text improvements.
2. Section 4.3 – Segmentation – Improved text – The word 'interstitial' referred to promos and commercials. However, 'interstitial' appeared to be defined in SCTE-130-3 as 'between entertainment content'. To avoid interference, the word is replaced by 'Advertisement'. This is not ideal as it covers promotional items as well, but it does follow current versions of the relevant SCTE-standards wherein no distinction exists.

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3. Section 4.3 – Segmentation – This version introduces the replacement of programs. In order to distinguish the specific use case examples in section 5 without using the more generic term 'Placement Opportunity', they are identified by means of 'Program Replacement Opportunity' and 'Ad Replacement Opportunity' respectively. Nevertheless, both make use of the segmentation_type_id 'Placement Opportunity' to signal such an event.
 4. Section 4.4 – Identification – Minor text improvement.
 5. Section 4.6 – Heartbeat – Improved text – The words 'the latest' added in order to emphasize that the Heartbeat is a copy of the most recent transmitted Content Identification message.
 6. Section 4.7 – Timestamp – Improved text – Added explanation to emphasize that exact timing of Heartbeats is irrelevant.
 7. Section 4.10 – Sample events – Added Figure 2 to indicate a Program Replacement Opportunity.
 8. Section 5 – Applied composition – Added examples for Program Replacement including textual updates and added parameters in section 5.1 to support these new use cases.
 9. Section 5 – Applied composition – Small corrections in the numbering of Breaks and Chapters to make them in agreement with the other examples.

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10. Section 4.3 – Segmentation – This version introduces the agreement with Dutch broadcasters to generate different markers for Placement Opportunities – 'PPO shall be used for 'per advertisement' replacements and DPO for 'breaks' or 'part of a of break' replacements in use cases in the Netherlands.'
11. Section 4.5 – Message composition – new descriptor added – 'Private descriptor 0x02 may be used for broadcaster specific use cases. E.g. In-Band pre-fetch signalling'