



ATSC

ADVANCED TELEVISION
SYSTEMS COMMITTEE

ATSC Standard: A/343:2018 Amendment No. 2, FontNames

Doc. A/343:2018 Amend. No. 2
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Advanced Television Systems Committee
1776 K Street, N.W.
Washington, D.C. 20006
202-872-9160

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Revision History

Version	Date
A/343:2018 Amendment No. 2 approved	20 September 2021

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1. OVERVIEW

1.1 Definition

An Amendment is generated to document an enhancement, an addition or a deletion of functionality to previously agreed technical provisions in an existing ATSC document. Amendments shall be published as attachments to the original ATSC document. Distribution by ATSC of existing documents shall include any approved Amendments.

1.2 Scope

This document adds new Section 5.4 “FontNames” along with miscellaneous updates to A/343.

1.3 Rationale for Changes

To map from 708 to IMSC1 FontNames. The new mapping table is derived from this IMSC1 (TTML) text:

<https://www.w3.org/TR/2018/REC-ttml1-20181108/#style-value-genericFamilyName>

1.4 Compatibility Considerations

The new section and table are an addition to the standard and will cause no harm.

2. LIST OF CHANGES

Change instructions are given below in *italics*. Unless otherwise noted, inserted text, tables, and drawings are shown in **blue**; deletions of existing text are shown in **red-strikeout**. The text “[ref]” indicates that a cross reference to a cited referenced document should be inserted.

2.1 Add new Section 5.4 to require IMSC1 captions to align with CTA 708 FontNames.

5.4 IMSC1 FontNames

ANSI/CTA-708-E and IMSC1 have defined font names; and, in the case of 708, also numbers. These values are mapped in Table 1.

In ATSC 3.0 emissions, carriage of IMSC1 captions shall conform with the IMSC1 tts values shown in Table 1.

Table 1 IMSC1 FontNames

708 font_style	708 Font Names	Example	IMSC1 tts:fontFamily
0	Default	(undefined)	default
1	Monospaced with serifs	(similar to Courier)	monospaceSerif
2	Proportionally spaced with serifs	(similar to Times New Roman)	proportionalSerif
3	Monospaced without serifs	(similar to Helvetica Monospaced)	monospaceSansSerif
4	Proportionally spaced without serifs	(similar to Arial and Swiss)	proportionalSansSerif
5	Casual font type	(similar to Dom and Impress)	708Casual
6	Cursive font type	(similar to Coronet and Marigold)	708Cursive
7	Small capitals	(similar to Engravers Gothic)	708SmallCapitals

Note: For better interoperability, IMSC1 recommends using only monospaceSerif or proportionalSansSerif (708 #1 or #4 respectively).

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