New and Revised SMPTE **Standards**

SMPTE is pleased to announce the publication of the following new Standards:

ST 2136-1:2026, Common LUT Format — Core Specification
ST 2136-1:2026 defines a human-readable XML file format for the interchange of color transformations, specified using an XML schema. The format supports Look-Up Tables (LUTs) of several types: 1D LUTs, 3D LUTs, and 3×1D LUTs, as well as additional transformation elements such as matrices, range scaling, and "shaper LUTs." The document defines the requirements for a valid Common LUT Format (CLF) instance.

- SMPTE ST 2120-1:2026-03, Extensible Time Label — Structure
- SMPTE ST 2067-201:2026-03, Interoperable Master Format — Immersive Audio Bitstream Level 0 Plug-in, a revision of SMPTE ST 2067-201:2021

SMPTE ST 2120-1:2026-03
SMPTE 2120 *Extensible Time Label* (TLX) is a new, multipart SMPTE Document Suite. The parts collectively describe a system for defining labels for elements of media content, representing the labels in various forms, associating the labels with specific elements of the content, specifying profiles of the labels for particular purposes, conveying individual or grouped labels over various connection means, and storing individual or grouped labels in various formats.

SMPTE ST 2120-1:2026-03, *Extensible Time Label — Structure* describes the architecture and data model of extensible time labels (TLX), the relationship to content, one specific representation in the JSON format, and general considerations for the design of applications of TLX Labels.

SMPTE ST 2067-201:2026-03
SMPTE ST 2067-201:2026-03 specifies requirements for a plug-in mechanism to add Immersive Audio Bitstream (IAB) essence, as specified in SMPTE ST 2098-2:2022, to IMF compositions.

The following Public Committee Drafts (PCDs) are available for review and commenting, accessible at:

- SMPTE ST 2138-11 Catena — gRPC Connection Type https://github.com/SMPTE/st2138-11

- SMPTE ST 2138-12 Catena — REST Connection Type https://github.com/SMPTE/st2138-12

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- SMPTE ST 2138-19 Catena — Protocol Objects https://github.com/SMPTE/st2138-19

They join Catena Public Committee Drafts SMPTE ST 2138-10 *Catena — Model* (https://github.com/SMPTE/ST-2138-10) and ST 2138-50 *Catena — Authenticity - Integrity - Access Control - Confidentiality and Availability* (https://github.com/SMPTE/st2138-50), also available for review and commenting.

SMPTE ST 2138 Catena Overview

SMPTE ST 2138 Catena specifies a standardization of communication methods between (micro)services and full products designed for hybrid cloud and on-premises solutions, with the goal of making it easy to secure, connect and control a multi-vendor ecosystem of media processing services and microservices, no matter where they are in a true plug-and-play model.

- SMPTE ST 2138-11 defines the use of a gRPC connection manager with Catena.
- SMPTE ST 2138-12 defines the use of a REST connection manager with Catena.
- SMPTE ST 2138-19 defines the objects that are exchanged between participants using the SMPTE ST 2138 protocol.

Please also visit the SMPTE ST 2138 Catena landing page (https://www.smpte.org/standards/st2138) to learn more about the Catena Suite of standards and the SMPTE Public Committee Drafts page (https://www.smpte.org/public-committee-drafts) to review drafts of other SMPTE standards documents.

- SMPTE ST 2136-10 Common LUT Format — Broadcast Profiles for Real-time Video Processing https://github.com/SMPTE/st2136-10

ST 2136-10 is a new addition to the ST 2136 *Common LUT Format* document suite, following the recent publication of ST 2136-1:2026 *Common LUT Format — Core Specification*.

SMPTE is also pleased to announce the publication of a new Engineering Guideline

EG 428-23:2026-04, D-Cinema Distribution Master—Mastering Guideline for Japanese Timed Text

This Engineering Guideline provides several XML examples of common Japanese use cases, along with their expected appearance and mastering recommendations to respect as best as possible the intent of the content creator.

To access the documents:

Members: Please log into your SMPTE account. Click your name at the top right, and then select **My Account**. In the left column, click the **Standards Library** button. The SMPTE Standards Library displays. Search or browse the library for the documents.

Non-members: Please visit the SMPTE Store. Select Standard Document Purchase, and then follow the instructions to purchase these and other documents.

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