SMPTE Standards Administrative Guideline
AG-01 Technology Committees

Revision 2020-07-15

This Standards Administrative Guideline forms an adjunct to the use and interpretation of the SMPTE Standards Operations Manual. In the event of a conflict, the Operations Manual shall prevail.

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1. Purpose:

This Administrative Guideline lists the authorized Technology Committees and defines their scopes.

2. Technology Committee General Scope

The following Technology Committees are authorized to conduct business under the Standards Operations Manual within the individual scopes defined here and within the General Scope as defined in the Standards Operations Manual, Section 3.2.1:

> The general scope of all Technology Committees is to develop SMPTE Engineering Documents; to review existing documents to ensure that they are current with established engineering practices and are compatible with international engineering documents, where possible; to recommend and develop test specifications, methods, and materials; and to prepare tutorial material on engineering subjects for publication in the SMPTE Journal or for other means of dissemination benefiting the Society and the industry.

3. Content Creation Committees:

3.1. Essence 10E

The application of the General Scope as it applies to electronic capture, compression, generation, editing, mastering, archiving, and reproduction of image, sound, subtitles, captions, and any other master elements required for distribution across multiple applications.

4. Applications Committees

4.1. Film 20F

The application of the General Scope as it applies to mastered essence for theatrical film distribution, including, media and component creation, marking, laboratory methods, reproduction, packaging, projection, and related topics such as film capture, editing and recording.

4.2. D-Cinema 21DC

The application of the General Scope as it applies to mastered essence for theatrical digital distribution, including compression, encryption, wrapping, marking, packaging, media, logging, playout, projection, reproduction, and related topics.

4.3. Broadband Media and Television 24TB

The application of the General Scope as it applies to mastered essence for television and broadband distribution (both separately and for hybrid television/broadband

environments), including compression, encryption, wrapping, marking, packaging, media, tracking/control, presentation, reproduction, and related topics.

4.4.   Cinema Sound Systems 25CSS

The application of the General Scope as it applies to standards for cinema sound and cinema B-Chain systems, including performance, measurements, setup, calibration, acoustics and related topics.

5. Infrastructure and Media Management Committees

5.1.   Metadata/Registries 30MR

The General Scope as applied to the definition and implementation of the SMPTE Registration Authority, used to identify digital assets and associated metadata such as the definition of shared metadata semantics across multiple committees.

5.2.   File Formats and Structures 31FS

The application of the General Scope as it applies to definition of common wrapper and file structures for storage, transmission, and use in the carriage of all forms of digital content components.

5.3.   Network/Facilities Infrastructure 32NF

The application of the General Scope as it applies to definition and control of elements supporting the infrastructures of content production and distribution facilities, including file management, transfer protocols, time labelling of essence, synchronization of systems, switching mechanisms, and physical networks that are both internal and external to the facility excluding unique final distribution methods.

5.4.   Media Systems Control and Services 34CS

The application of the General Scope as it applies to the implementation of media services, methods of managing and controlling hardware devices and software systems, and the management of media workflow processes, including associated signalling and control mechanisms.

5.5.   Media Packaging and Interchange 35PM

The application of the General Scope as it applies to the packaging of media elements, to facilitate interchange and interoperability of formats within specific integrated application ecosystems in the professional fields of media creation, production, post-production archiving and related topics.