

100/AGS547

# **SMPTE D-Cinema (21DC) Status Report**

**IEC TC 100  
AGS Shenzhen meeting**

Hideki Ohtaka  
23 September 2013

## **Ongoing Work or Topics**

- **High frame rate**
  - Based on the conclusion by High Frame Rate Study Group, revision to ST 428-11 “Additional Frame Rates for D-Cinema” underway by adding the following frame rates for 2K:
    - 96, 100, 120 fps for 2D
    - 48, 50, 60 fps for 3D
- **Synchronization signal for external processor**
  - Developing a signal carrying timing information to synchronize audio and picture in external decoders
- **Auxiliary data file**
  - Developing a new data file for auxiliary data that is not carried using the existing Sound, Picture, and Subtitle track files in a SMPTE Digital Cinema Package

## Documents in Publication Cycle

The following two documents related to audio channel labeling have been published

Suite	Number	Title
DCDM D-Cinema Distribution Master	ST 428-12	DCDM – Common Audio Channels and Soundfield Groups
DCP D-Cinema Packaging	ST 429-2	DCP – Operational Constraints <i>Amendment 1</i> Apply “MXF Multichannel Audio Framework” to D-Cinema package

Note) ST xxx: SMPTE standard