Digital Cinema Initiatives

2014 StEM Access Procedures

Updated July 20, 2017

> *The 2014 StEM is being made available as a service to the various industries (e.g., home entertainment) and other organizations that require high quality program material for test and evaluation purposes. **DCI does not currently endorse or recommend any of the specific format combinations listed below.***

The following is the procedure for gaining access to the American Society of Cinematographers/Digital Cinema Initiatives 2014 Standard Evaluation Material (StEM).

Be aware that there are different versions of the 2014 StEM as listed in this document.

1. Deluxe-Technicolor D-Cinema is the current DCI-authorized provider of the 2014 StEM material.

2. The requesting party should contact Deluxe-Technicolor D-Cinema at <ddc-stem2014@bydeluxe.com>.

3. The 2014 DCI StEM User Agreement may be downloaded from the DCI web site, or Deluxe-Technicolor D-Cinema may provide a copy.

4. The requesting party should review the User Agreement, and if agreed, sign and return it by email to DCI at <drgarcia@sheppardmullin.com>, cc: Deluxe-Technicolor D-Cinema <ddc-stem2014@bydeluxe.com>.

5. Deluxe-Technicolor D-Cinema will provide materials upon receipt of the User Agreement with no counter-signature required by DCI.

6. Should the requesting party wish a counter-signature from DCI, this should be stated in the email when the User Agreement is sent.

7. The requesting party is entirely responsible for compensating Deluxe-Technicolor D-Cinema.

8. The material was designed and is licensable for the following purposes:

   - Digital cinema testing and SMPTE image/video testing
   - Industry standards evaluations and demonstrations (e.g., SMPTE, ISO, etc.)
   - Industry trade show demonstrations
   - Educational purposes

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2014 StEM Available Material

2014 StEM Uncompressed Mini-Movie with Trailer (2.39:1 scope aspect ratio)

1. 3840x2160, 16 bit TIFF Files, 4000 nits, P3/R', G', B' SMPTE ST 2084
    [Running Time ~12 minutes, 17143 frames, 48 MB/frame, ~578 GB]

2. 1920x1080, 16 bit TIFF Files, 4000 nits, P3/R', G', B' SMPTE ST 2084
    [Running Time ~12 minutes, 17143 frames, 12 MB/frame, ~199 GB]

3. 3840x2160, 16 bit TIFF Files, 100 nits, SMPTE 274M/R', G', B' gamma 2.4, Color Corrected
    [Running Time ~12 minutes, 17143 frames, 48 MB/frame, ~578 GB]

4. 1920x1080, 16 bit TIFF Files, 100 nits, SMPTE 274M/R', G', B' gamma 2.4, Color Corrected
    [Running Time ~12 minutes, 17143 frames, 12 MB/frame, ~199 GB]

5. 5.1 Audio Stems
    Six (6) channels of 48 kHz, 24 bit, .wav files, conformed to image, including 2 pop:
    - Left
    - Right
    - Center
    - Low Frequency Effects
    - Left Surround
    - Right Surround