Digital Cinema Initiatives
ORIGINAL StEM Access Procedures
September 29, 2014

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

Be aware that there are different versions of the StEM (e.g., 4K, 2K, RGB and XYZ files) as listed in this document.

1. The requesting party should contact the Society of Motion Picture and Television Engineers (SMPTE): SMPTE Attn: Peter Symes, Director, Standards & Engineering 3 Barker Avenue White Plains, NY 10601 USA   Phone: +1 914-761-1100 extension 2371 Fax: +1 914-761-3115 Email: standards@smpte.org Web: http://store.smpte.org/category-s/31.htm   SMPTE is the only current DCI-authorized provider of the original StEM.
2. The DCI StEM User Agreement may be downloaded from the DCI web site, or SMPTE may provide a copy.
3. The requesting party should review the User Agreement, and if agreed, sign and return it by email to DCI at <drgarcia@sheppardmullin.com>, cc: SMPTE <standards@smpte.org>
4. SMPTE will provide materials upon receipt of the User Agreement with no counter-signature required by DCI.
5. Should the requesting party wish a counter-signature from DCI, this should be stated in the email when the User Agreement is sent.
6. The requesting party is entirely responsible for compensating SMPTE.
7. 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

Original StEM Available Material

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

1. 4096x1714, 16 bit TIFF Files, X', Y', Z' Color Corrected [Running Time ~12 minutes, 17239 frames, 41 MB/frame, ~682 GB]
2. 4096x1714, 16 bit TIFF Files, R', G', B' Color Corrected [Running Time ~12 minutes, 17239 frames, 41 MB/frame, ~682 GB]
3. 2048x858, 16 bit TIFF Files, X', Y', Z' Color Corrected [Running Time ~12 minutes, 17408 frames, 11 MB/frame, ~170 GB]
4. 2048x858, 16 bit TIFF Files, R', G', B' Color Corrected [Running Time ~12 minutes, 17408 frames, 11 MB/frame, ~170 GB]
5. 1920x804, 16 bit TIFF Files, R', G', B' SMPTE 274M Color Corrected [Running Time ~12 minutes, 17408 frames, 12 MB/frame, ~190GB]
6. 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