

ISDCF Main Meeting Notes – July 27, 2021

Upcoming Meetings

InterSociety at CinemaCon - Wednesday August 25 7:30am

ISDCF/EDCF from CinemaCon - Wednesday August 25 at 9am Pacific

ISDCF Main Wednesday September 22, 2021 10am

ISDCF Main Wednesday December 1, 2021 10am

Part 0: Open Mic (15 minutes prior to meeting start time)

Part 1: General Reporting

Housekeeping:

- Zoom meeting (provided by NATO)
- Set next meeting dates (above).
- Thank you Universal for support of the Chairman.
- Thank you to Inter-Society for providing general expenses and admin support.
- Meeting notes from June '2021 approved
- Making Zoom work! (mute / raise hand / front light)
- InterSociety - **Membership Fees coming back 2022!** However, we are doing work - in particular the Naming Convention Website - please let Erin (evh@natoca.com) know if you want an invoice for 2021! \$500 per company per year / \$100 individual membership.
- Legal reminder / press reminder / Antitrust Disclaimer. The official antitrust guidelines are posted on our website and are linked from the main ISDCF page. A short verbal overview of guidelines was given. Please no-social-media for discussions held at ISDCF.

Attendance is at end of these notes.

Action Items from July 27, 2021

1. **Membership Fees waived for 2021** Join Inter-Society! <https://isdcf.com> \$500 per company per year, \$100 individual membership.
2. Can KDM generation software include a notification system for certificates that are going to expire soon (6 months)? How can a theater operator know a certificate is going

to expire?

3. NATO should make a formal announcement confirming CinemaCon is still on. (Some are questioning due to changes to Las Vegas covid status.)
4. Jerry/Dean will meet up to discuss how to hold a “cheap” hybrid ISDCF meetings
5. Address the need to re-master exhibition content to SMPTE-DCP (from Interop-DCP) so all trailers can be moved to SMPTE-DCP format. Jerry/Steve
6. Continue nudging to get new test content created.
7. The IAB rendering solution called “Cocoon” needs to be explained so keys can be issued. (Studio request.) DTS to respond?? Please!?
8. Bring ISDCF language metadata table to SMPTE - IMF would like to use this registry since it is maintained. (Dean/Steve would offer to be proponents)

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Big Picture -

Many US screens are now open. We need new movies! The “four wall” rental is still happening, but decreasing as more people are attending movies.

IMAX ticket revenue seems to be higher than pre-pandemic. Generally PLF is a good “not in the home” experience.

As systems come back on line, it’s possible that some default settings have been reset and the special setting for a particular theater are no longer properly set. (Think open/closed caption options.) It’s very important to run test material and be assured everything is operating properly in each theater.

Some certificates are expiring. 10 year old servers have the master certificate expiring and it requires a re-issue of a certificate by the manufacturer. A bit of a shock as there was no notification. It is first detected in the KDM creation process which indicates an expired certificate. The software that makes KDM should be able to identify (ahead of time) an expiring certificate and help identify and fix before a theater is “bricked.” A local update is needed in the server. Many manufactures used a later date of expiration (2040+). NATO should issue a heads-up notification of this possible issue.

Are ECinema screens being used to play studio content? (i.e. Outdoor LED screens). Some groups put in an ECinema screen and find they can't play current content. Buyer beware. NOT DCI encrypted content. BluRay works fine.

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CinemaCon is happening! August 23-26, 2021

Two meetings of interest:

InterSociety at CinemaCon - Wednesday August 25 7:30am Pisa/Palermo, Promenade Level, Palace Tower

ISDCF/EDCF from CinemaCon - Wednesday August 25 at 9am Pacific - Zoom meeting

Please RSVP to Erin Von Hoetendorff <evh@natoca.com> if you want to attend the InterSociety meeting.

Some are questioning if CinemaCon is going to cancel - CinemaCon IS HAPPENING. It was suggested NATO make a formal confirmation that the show is going on!

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Social Communications

The EDCF/ISDCF social hour seems to be successful. It looks like we will continue, but at a less-frequent schedule.

Desire to keep the pre-ISDCF open mic time.

Looking for techniques for hybrid meetings after ISDCF returns to in-person? Desire to keep the "really good audio" for those on-line and also allow others to meet in person? Maybe with individual zoom stations at a table? Please make suggestions to Jerry. Dean has some suggestions/brainstorm - will connect with Jerry.

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SMPTE update

New way of working!!

SMPTE is trying new techniques to make the process more open and better for the industry... It's really good (IMHO).

Public CD process... starting with 429-20 <https://github.com/smpete/st429-20>
Allows anyone to be able to see the document in process. Essentially a committee draft being made public to gather comments EARLY and to accelerate the process through the standardization process. Comments and GitHub issues can be easily submitted.

Other document links: <https://www.smpete.org/public-committee-drafts#listing>

PAY ATTENTION!! If you are a provider (service, equipment, etc.) and you get / make content that conforms to SMPTE standards, **YOU REALLY SHOULD** look at the documents under revision to make sure they meet practices you use. These documents are going to define current practice and **YOUR SYSTEMS** may be rejected as changes are made to standards. This document is for MXF standards. **It's way easier to check now than later. PAY ATTENTION!!**

430-17 ... A restart has occurred, mainly due to ISO formatting guidelines. A DP vote is underway. It's moving fast.

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SMPTE Trailers

Currently trailers are issued in Interop-DCP, can we move to SMPTE-DCP?

Exhibitor content would need to be remastered to make the transition. This is mainly a hard drive issue - not clear how many drives are being distributed.

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DCI update

HDR/LED Updated versions:

https://www.dcmovies.com/announcements/DCI-Memo-on-HDR-Image-Testing_2021-0701.pdf

https://www.dcmovies.com/drafts/DCI-Draft-Direct-View-Display-Addendum-v096_2021-0701.pdf

https://www.dcmovies.com/drafts/DCI-Draft-HDR-Addendum-v096_2021-0701.pdf

DCI is looking for feedback/input on these documents. Request input by October 2021.

Q: Are they plans to have these documents standardized? Unlike the 3D specification that didn't go to SMPTE for standardization, it is DCI's intent to standardize these specifications.

Q: Will there be a CTP (Compliance Test Plan) for these specifications? Yes.

Q: Is there commitment by studios to provide content meeting these specifications? It's up to each studio to make that decision.

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Updated Test Package

LOTS OF WORK NECESSARY!

Just a matter of time to get these packages together.

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ISDCF Immersive Audio

Cocoon Rendering System (DTS?) Mainly in France? Has testing been done? In particular, studios need to have more information on these rendering devices. WE NEED MORE INFORMATION ON THIS IAB RENDERING SOLUTION!

Has anyone implemented new features in IAB devices that others have implemented that need to be part of an IAB profile 2? (Nope)

Best practice for delivering IAB/5.1/7.1 ...

Best way with OV containing 5.1 and a separate version file for 7.1 and another separate version file for IAB.

Some studios include a base 7.1 on the IAB file, but there are no standards or expectations for how systems respond to the 7.1 on an IAB track. Some in the installed base revert to the 7.1 if there is a problem with the IAB playback - but not all systems. Some studios plan to stop including the 7.1 track on an IAB version.

When is the naming convention IAB from Atmos going to be implemented? No major release has been issued with the IAB in the name. There are about 800 sites in the US with an Atmos screen. (World wide is about 7,000 screens.) It is up to distributors to make the leap! NATO has already informed exhibitors of the upcoming change, but that information is becoming "stale" since it was months ago.

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Website and IT updates

NEW Digital Cinema Naming Convention site!! It has moved away from Wordpress to GitHub source to render the HTML. The organization is different as well - AND BETTER! All registries are also included.

<https://registry-page.isdcf.com>

Comments can be posted to: <https://github.com/ISDCF/registries-site/issues>

Special thanks to Steve LLamb and Pierre-Anthony Lemieux!!

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SMPTE LMT Project

No news. Will be removed from our agenda.

Since the ISDCF language registry is working well, it is time to move this to be formalized in SMPTE.

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ISDCF Terminology Document

ICTA is working on a terminology / glossary document. We have offered to help.

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EDCF Update

No updates.

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Digital Cinema Picture Levels

On hold.

How to maintain image and sound quality in theaters...

Sound: need to have the main feature run at higher volume due to the loud trailers and lack of automation to change the setting during a presentation.

Image: an issue with gain screens and incompatibility with the SMPTE spec.

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Review of Action Items from last meeting.

Action Items from June 2, 2021

1. **Membership Fees waived for 2021** Join Inter-Society! <https://isdcf.com> \$500 per company per year, \$100 individual membership.
2. See if SMPTE standard process can be re-enabled (it seems to be stuck and not working now). ISDCF/EDCF/NATO/DCI to discuss how to express our concerns.
3. ICTA and ISDCF will coordinate for terminology / glossary resource.

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Attendance on next page.