

ISDCF Main Meeting Notes – August 10, 2017

Upcoming Meetings

Thursday October 19, 2017 10:30am at Universal

Thursday December 14, 10:30 at Universal

Part 1: General Reporting

Housekeeping:

- 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.
 - InterSociety will pay for all upcoming lunches!! Please become a member!!
 - Thank you to Universal for the facilities and parking.
 - Thank you to Universal for support of the Chairman.
 - Thank you to Inter-Society for providing the funding for notes, travel, general expenses, LUNCHES! and admin support.
 - Thank you to Universal/Intersociety for the coffee and treats
 - Meeting notes from June '17 were reviewed and approved.
 - InterSociety request to be a member! \$500/company. Please Join Inter-Society! <http://www.intersociety.org/become-a-member/> \$500 per company per year, \$100 individual membership.
 - Legal reminder / press reminder - see antitrust guidelines on our website - <http://isdcf.com/ISDCF/home/introduction.html>. A verbal description was provided at the meeting.
- * Chatham House Rule:
- * When a meeting, or part thereof, is held under the Chatham House Rule, participants are free to use the information received, but neither the identity nor the affiliation of the speaker(s), nor that of any other participant, may be revealed.

Attendance is at end of these notes.

Action Items from August 10, 2017

1. Please Join Inter-Society! <http://www.intersociety.org/become-a-member/> \$500 per company per year, \$100 individual membership.
2. Consider a revision of SMPTE 429-7 Table 5 to update the “should” for

- markers that are required to be part of the CPL metadata.
3. Consider the accessibility of SMPTE documents to make them more useful to non-SMPTE members. The industry is hurt by not having these standards used.
 4. Need for an ISDCF recommended practice for what to expect in the CPL metadata. It will point to the appropriate SMPTE documents for the true authority, but it is targeted at general users (exhibitors) for layman language on what is in the metadata. (who? Steve/Jerry will start)
 5. Feedback on Document 7 Language code adventures to Harold - idea is recommend that equipment manufacturers have a UI to have priority list for output.
 6. First pass on recommended practice for alternate content delivery (Jerry/Dean)

From Earlier Meetings:

7. SMPTE 25css will consider ISDCF immersive sound plugfest
8. Create a generic ISDCF framing chart to be freely shared (Eikon/Bill H/Ernie)
9. Techie group to discuss RPL timing - Harold, Dean/JP (Dolby), Tim R (TI), Bill E., Kevin (Christie). Jerry to send emails to Harold.
10. Subgroup to edit / recommend changes for Document 12 - RP for Ingest Behavior - Steve L to lead, Dean B, John H, Mike R, Jim W, Chris W, Bill E "volunteered" to participate.

ISDCF Forum:

Traffic continues, very few new posting.

SMPTE-DCP - Updates

Paramount:

"Inconvenient Sequel" was released SMPTE-DCP. Yet NEW problems found. Some systems require a MANUAL validation (most other systems do it automatically). Last minute issue caused problems to locations that have been used before. An operational issue, not a basic issue. The affected company is aware, but it's not really a needed fix - it's instructions. Perhaps a note to theater operators that some of these systems require manual validation - if the software has been

updated and configured it is NOT needed. Exhibition tends to wait too long to confirm content - especially for unusual presentation times (previews).

A chart was presented that reviewed past (and future) SMPTE-DCP releases (thank you Lefko!). We again confirm that we should not refer to a SMPTE-DCP VERSION. We should call it SMPTE-DCP of ISDCF flavor 3.0 or ISDCF flavor 3.2 etc.

2017 - SMPTE RELEASES								
STUDIO	TITLE	RELEASE DATE	SMPTE ISDCF Flavor	2D/3D	LOCATIONS	# of locations not SMPTE capable	% ERROR	NOTES:
SONY	TRAIN SPOTTING	3/17/17	B2.1	2D	331			
DISNEY	BEAUTY AND THE BEAST	3/17/17	B2.0	2D& 3D	4210		1.18%	
DISNEY	GUARDIANS OF THE GALAXY VOL 2	5/5/17		2D& 3D	4347		0.02%	600 INTEROP (SOFTWARE IS NOW AVAILABLE DSS-100 (297)/ DSS-200 (0) TO MOVE FORWARD.) TMS (273 IS SLOWLY BEING RESOLVED, OTHERS (279 ISSUE SITES- CAPTIONS, AUDIO ROUTING OR SOMETHING WRONG - NOT SURE WHAT)
FOX	SNATCHED	5/12/17	B2.1	2D	3511			
FOX	DIARY OF A WIMPY KID	5/19/17	B2.1	2D	3174			
PARAMOUNT	BAYWATCH	5/25/17	B2.0	2D	3647		1.19%	34 CAPTION ISSUES - CLOSED CAPTIONED LANGUAGE CODE EN-US THE CLOSED CAPTION DEVICE SAW THESE AS TWO DIFFERENT LANGUAGES AND PUT ONE ON CHANNEL 1 AND THE SECOND ON CHANNEL 2 ON THEIR DEVICE.
DISNEY	PIRATES OF THE CARIBBEAN: DEAD MEN TELL NO TALES	5/26/17		2D& 3D	4276		0.02%	600 INTEROP (SOFTWARE IS NOW AVAILABLE DSS-100 (297)/ DSS-200 (0) TO MOVE FORWARD.) TMS (273 IS SLOWLY BEING RESOLVED, OTHERS (279 ISSUE SITES- CAPTIONS, AUDIO ROUTING OR SOMETHING WRONG - NOT SURE WHAT)
DISNEY	CARS 3	6/16/17		2D& 3D	4256		0.02%	same as above all three disney releases lumped with the same notes
SONY	ROUGH NIGHT	6/16/17			3162		0.10%	3 ISSUES
PARAMOUNT	AN INCONVENIENT SEQUEL	7/28/2017 EXP 8/11	B2.1	2D	566			Sony ingest issues - "could not validate" sony tested but no issues during ingest and testing.
SCHEDULED RELEASES								
PARAMOUNT	MOTHER!	9/15/17		2D				
FOX	KINGSMAN GOLDEN CIRCLE	9/22/17						
UNIVERSAL	HAPPY DEATH DAY	10/13/17						
WB	GEOSTORM	10/20/17						
PARAMOUNT	SUBURBICON	10/27/17		2D				
UNIVERSAL	THANK YOU FOR YOUR SERVICE	10/27/17						
DISNEY	Thor	11/3/17						
DISNEY	Coco	22-Nov						
DISNEY	STAR WARS	15-Dec						
UNIVERSAL	PITCH PERFECT 3	12/22/17						

Paramount is planning to release all future 2D releases in SMPTE-DCP and will start 3D releases early next year.

Universal

First SMPTE-DCP release will be "Happy Death Day" in October. *Happy Death Day* (Oct 13), *Thank You for your Service* (Oct 27), *Pitch Perfect 3* (Dec 22)

Disney:

Next releases: *Thor*, *Coco* and *Star Wars* will all be released in SMPTE-DCP as primary with Interop as backup. **Goal: 100% SMPTE in 2018.** International releases: Singapore, South America (select) exhibitors.

Fox - *Kingsman 2* plus more to come. Goal: 100% SMPTE in 2018

Sony: *Two more titles coming this year.*

WB: (no report)

Lionsgate: (no report)

General status of sites that still need Interop-DCP:

260 servers have not been updated to correct software

272 servers connect to a TMS that needs updating

277 servers have an unknown problem.

[Numbers US/Canada]

UK (1,000 sites), Ireland are being tested/moving forward.

Note to Exhibitors: If you want to use the automation information in the SMPTE-DCP YOU must ask your server/TMS vendor to use this data in the SMPTE-DCP. This may require a software fix. It could automatically select the proper DCP for 5.1, 7.1, Atmos, automatically set cues for lights up/down, and it could vastly improve the user interface for what movies are loaded and highlight which ones have captions, subtitles, etc. and even flag problems of rating mis-match between trailers and feature. TMS systems could decide which versions to load into the library (helping reduce the number of unneeded versions in the library). Anything information that appears in the naming convention is in the machine readable portion of the CPL. (See SMPTE 429-7 and SMPTE 429-16 for items that say “should”).

If you (exhibitor) don't ask, you won't get it.

We had a discussion on what metadata is assured to be in the CPL. First, the SMPTE documents are too hard for the general industry to find / use. (Some may go to SMPTE to ask for changes to policy for these documents.) We may be asking for a guideline document for mastering guidelines of what needs to be put into the CPL. The most important documents are: SMPTE 429-7, SMPTE 429-16, and SMPTE 429-2. ISDCF should have a recommended practice that points to the appropriate SMPTE documents.

It seems the “free” tools to make a DCP are not populating the CPL metadata - think festivals. They need to get easy-to-read information on what they need to do to make a “good” DCP. “Nothing can be made ‘foolproof’ since fools are so creative.” This is why validation tools are so important for wide distribution.

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70mm release (Dunkirk) went much better than earlier 70mm releases.

2.70 versions - create both flat and scope versions?

Dunkirk Aspect Ratio

1.43 : 1 (most scenes: IMAX 70mm venues)

1.90 : 1 (most scenes: IMAX digital venues)

2.20 : 1 (DCP ratio: Based in flat) (70mm prints)

2.35 : 1 (35 mm prints)

Should there be both scope and flat versions of those features that are not standard aspect ratio. Not encouraged by studios...

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Interesting Question: Does anyone make nitrate prints? Short answer: no one knows of a place...

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Language Code Adventures

Language labeling can have a major + regional designation. (i.e.

English-US or English-UK or English-Australia).

What should be presented to devices and what are the rules? (As an example - the trailer has a different region from the main feature).

We looked at ISDCF Doc 7 document to understand if it states expected behavior. A proposed addition to this document was discussed (and was circulated to the reflector prior to the meeting).

There was one comment that the proposed language is too complex. Why not just a language tag priority list for each known channels for a theater. (i.e. channel 1 priority for EN, then EN-US, then EN-GB, etc.) This would be as part of the initial installation procedure for each screen in a particular region. It would be part of the server configuration.

The server UI would be up to the server OR access device design. If we wanted to have same server action between vendors we would need to have a guide for priorities per region.

This could be implemented independently by individual companies and is a recommendation not a requirement.

The proposed language for the first paragraph seems to be acceptable, but the second paragraph seems to add too much to the discussion. More discussion is needed.

An attempt to summarize:

ISDCF recommends that the SYSTEM (server/closed caption rendering) implement a method to direct outputs of a class of languages to a specific channel (i.e. channel 1 is Spanish, channel 2 English, etc.) for each theater. The channel would have a set of rules for language tag priority (in case there are two region subtags for the same language). The selection would be part of the UI of the system.

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Brazil Sign Language

Brazil is holding more meetings and feedback from various sides.
Not clear where it is going.

There seems to be proposals for a cloud-based smart-device solutions. (This is not a preferred solution by either studios or exhibitors.)

Production in US of video sign language product for Brail has moved forward.

One vendor made a presentation to the US deaf community (NAD - National Association for the Deaf - including Gallaudet University) and demonstrated their system and there was considerable interest.

We showed a Vimeo clip <https://vimeo.com/89629973> of an avatar signing American sign language.

Discussion for Alt Delivery of Content

At the last meeting we started the discussion on creating a recommendation for delivery of alternate content.

Background: The question is: should there be a recommendation of how to delivery this additional out-of-band content. Is there a recommendation?

Nomenclature:

Content Delivery Flavors (**bold** are recommended methods)

1. **Common DCP playback (existing, DBox, Auro 11.1, video in audio track, FSK sync) [inherent sync]**
2. **Special Venue DCP - Standard CPL extensions (additional playback devices - not "standard" i.e. Dolby Vision, generic aux, DTS-X, uses MXF) [inherent sync]**
3. Non-Standard Special Venue DCP - non-standard CPL extensions (Atmos, Barco Escape, Cinema Giant Screen) [inherent sync]
4. PKL content delivery - Not CPL referenced BUT referenced by packing list. [externally defined sync]
5. Out of Band Content Delivery - "sidecar" - not CPL referenced, non SMPTE formatted content, no packing list referenced (MyLingo, Some motion seats, ScreenX) [externally defined sync]

Sync of external devices for playback (**bold** is the recommended method)

- A. **AES / Binary Sync 430-14 - SMPTE sync signal**
- B. 430/10 ethernet sync
- C. AES / FSK sync 430-12 - SMPTE sync signal
- D. Uses sync signal from server (LTC)
- E. Audio fingerprinting sync

In Theater Communication: (no recommendation)

- i. IR link
- ii. WiFi
- iii. RF (FM, 802.15.4, etc.)
- iv. None (no communication between playback and consumer device)

Jerry and Dean will work on creating a recommended practice for delivery of alternate content...

PLUGFEST PLANNING

We again asked if it was time to test immersive object based sound? First test to be a functional test, the second test for a “killer reel” and the third test for critical listening? Bottom line: the industry is not ready for a plugfest. A suggestion was to ask for the creation of the killer reel.

ISDCF Test Content

We have seen an increase in the number of requests for KDM for the posted ISDCF SMPTE-DCP Version B2.1 content. Good sign!

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FLM/FLMx - SMPTE 430-15 & 430-16 soon to be published!

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Updates

Report on cinema conference in Expocine in Brazil is coming! Lots of activities.

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Attendance on next page.