Proposal on Activities for UMID Applications

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Thank you very much, SMPTE!
Ultimate Goal

 Metadata are collected separately from AV materials and stored

 Which AV material captures “Ichiro Homerun” scene?

 It is “UMID='UA'” AV material.

 Where is “UMID='UA'” AV material?

 I have it at http://...!
Ultimate Goal

**BUSINESS (APPLICATION) LAYER**

It is “UMID='UA'” AV material.

Which AV material captures “Ichiro Homerun” scene?

Metadata are collected separately from AV materials and stored.

Loosely coupled by UMID resolution protocols

**MEDIA (MANIPULATION) LAYER**

HDD Storage  Optical Storage  Tape Storage  Online Archive

I have it at http://...!
Study of UMID Applications

- Project scope
  - Establish the UMID application principles
  - Identify the best practices of the UMID applications
  - Identify relevant technologies that need to be additionally standardized

For RP 205 update!

Based on analyzing existing practices!

RP 205: “Application of Unique Material Identifiers in Production and Broadcast Environments”
How to Proceed?

- Collect Existing Practices
- Analyze Existing Practices
- UMID Application Study
  - Technologies to be standardized
  - UMID Application Best Practices
  - UMID Application Principles
- Review and Re-design Document Structure
- Reflect to update RP 205
- RP 205 Revision

Time

30MR
Work Statements

SMPTE Engineering Work Statement

Project name: Study of UMID Applications
Reports to: 30MR
Estimated Completion Date: 2013-03-31

Project leadership names (and email addresses):
Chair(s): Yoshiaki Shibata (yoshi.shibata@metafrontier.jp)
Proponents: metaFrontier.jp, Avid, MOG Solutions, Tokyo Broadcasting System Television, Inc.

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Problems to be solved:
Current uses of the UMID have been largely limited within a particular production system despite its original intention for use as a globally unique audiovisual identifier across implementations from multiple vendors. This limitation has led to lack of common rules for the UMID applications over these implementations.

Project scope:
- Establish the UMID application principles, the most fundamental rules every UMID aware product must follow.
- Identify the best practice of UMID applications.
- Identify relevant technologies needed to be additionally standardized.

Specific tasks:
- Collect existing practices used in the industry for the application of the UMID.
- Analyze the existing practices to identify the UMID application principles and the relevant technologies that need to be additionally standardized.
- Identify and describe the best practices of the UMID applications.
- Submit to SMPTE for revision with the standard UMID application guidelines.