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Proposal on Activities for UMID Applications "Again"

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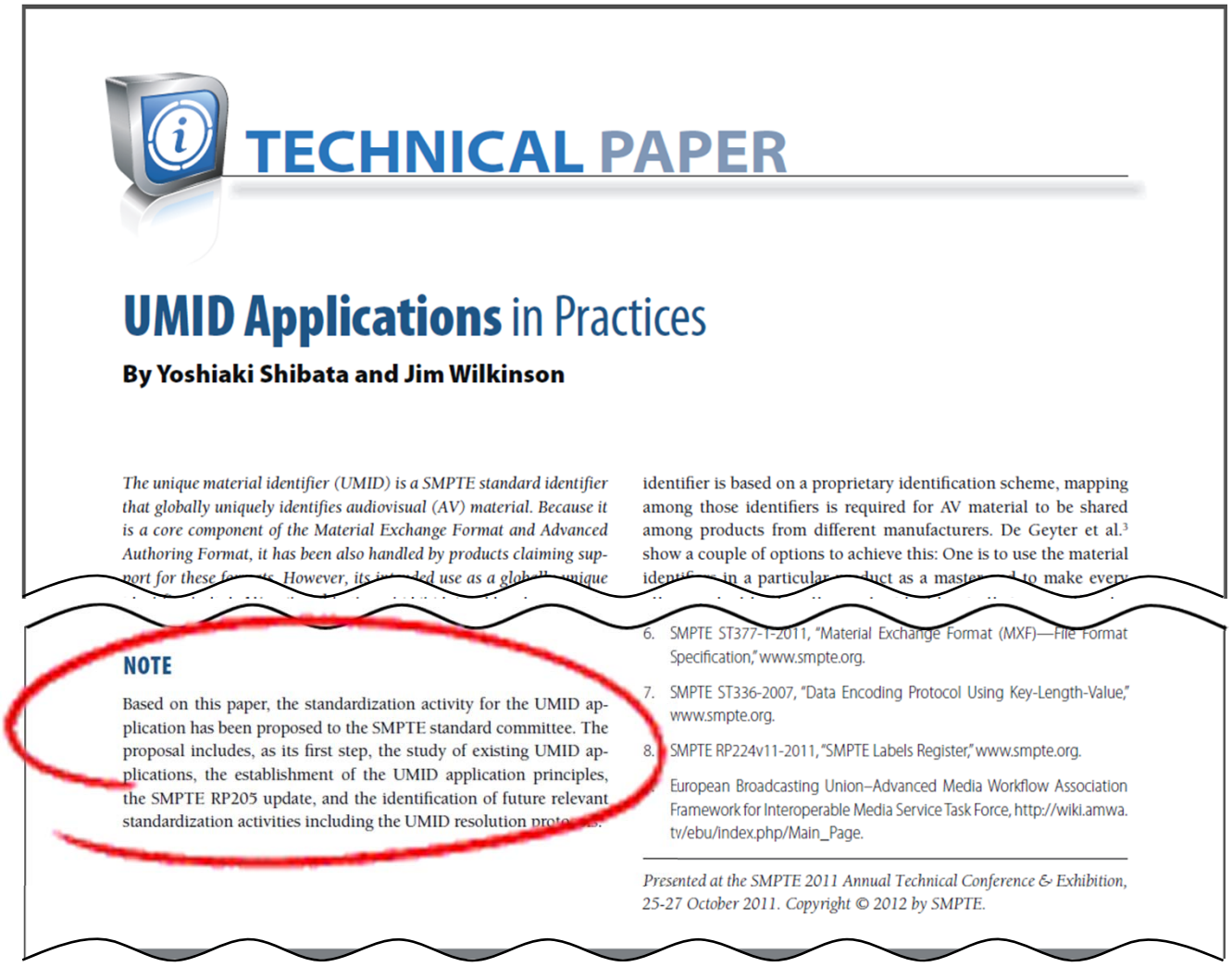
Jim Wilkinson (Wellspring Digital)

Thank you very much again, SMPTE !



TECHNICAL PAPER

UMID Applications in Practices

By Yoshiaki Shibata and Jim Wilkinson

The unique material identifier (UMID) is a SMPTE standard identifier that globally uniquely identifies audiovisual (AV) material. Because it is a core component of the Material Exchange Format and Advanced Authoring Format, it has been also handled by products claiming support for these formats. However, its intended use as a global unique

identifier is based on a proprietary identification scheme, mapping among those identifiers is required for AV material to be shared among products from different manufacturers. De Geyter et al.[3] show a couple of options to achieve this: One is to use the material identifier in a particular product as a master and to make every

NOTE

Based on this paper, the standardization activity for the UMID application has been proposed to the SMPTE standard committee. The proposal includes, as its first step, the study of existing UMID applications, the establishment of the UMID application principles, the SMPTE RP205 update, and the identification of future relevant standardization activities including the UMID resolution proto...

6. SMPTE ST377-1-2011, "Material Exchange Format (MXF)—File Format Specification," www.smpte.org.
7. SMPTE ST336-2007, "Data Encoding Protocol Using Key-Length-Value," www.smpte.org.
8. SMPTE RP224v11-2011, "SMPTE Labels Register," www.smpte.org.
9. European Broadcasting Union–Advanced Media Workflow Association Framework for Interoperable Media Service Task Force, http://wiki.amwa.tv/ebu/index.php/Main_Page.

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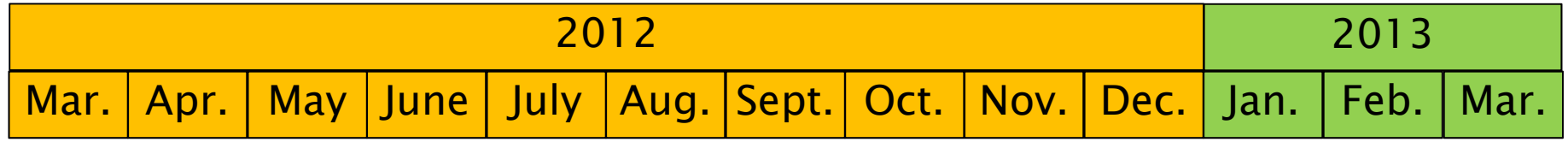
Updated Proposal

- To start with
  - “UMID Applications Study Group” only

- under the scope of
  1. Explore the best practice,
  2. Identify typical UMID application principles,
  3. Identify relevant technologies for future standardization.

Proposed Action Plan



Atlanta — Bristol — Geneva — Melbourne — ???

Promotions
- 2012 NAB Show
- BroadcastAsia 2012
- etc.

Paper/patent survey

UMID App. Conference

Intermediate report
- UMID app. principles
- Best practices
- RP 205 update plan

Final report
- Future standardization

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Thanks!