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ISO/TC 46/SC 9 N 371

2003-10-15

To: Leonardo Chiariglione, Convenor of ISO/IEC JTC 1/SC 29/WG 11

c.c. Yukiko Ogura, ISO/IEC JTC 1/SC 29 Secretariat
ISO/TC 46/SC 9/Working Group 1 (ISAN & V-ISAN)
P-members of ISO TC 46/SC 9 (for information)

From: Jane Thacker, ISO TC 46/SC 9 Secretary

**Subject: Liaison statement to ISO/IEC JTC 1/SC 29/WG 11
concerning an amendment to ISO/IEC 13818-1**

Dear Leonardo,

On behalf of ISO TC 46/SC 9 Working Group 1 which is responsible for developing the International Standard Audiovisual Number (ISAN) and its supplementary version identifier (V-ISAN), I am forwarding this follow-up to our request that ISO/IEC 13818-1 be amended to accommodate the ISAN and V-ISAN identifiers in MPEG's technical specifications for the coding of audiovisual content.

This liaison statement is in response to JTC 1/SC 29/WG 11 N 5754 (Trondheim, July 2003).

Background:

ISO TC 46/SC 9 has defined two related media content identifiers, ISAN (International Standard ISO 15706:2002), and V-ISAN (ISO Committee Draft 20925-1). In response to the MPEG liaison communication in ISO/IEC JTC 1/SC 29/WG 11 N 5754, this is a specific proposal for amendment to ISO/IEC 13818-1.

It is advantageous to the industry and the users of ISO/IEC 13818-1 to have a common means for the carriage of these identifiers as content labels in the MPEG-2 transport. It is further advantageous to the industry to capture this ISO standard usage of ISO/IEC 13818-1 in ISO/IEC 13818-1 itself since to document it elsewhere would be obscure.

Therefore, it is proposed that ISO/IEC 13818-1:2000 plus AMD1 be amended as follows (see red-lined text below).

Proposal:

2.6.57 Semantic definition of fields in content labeling descriptor

metadata_application_format – The metadata_application_format is a 16 bit field, coded as defined in table AMD1-2, that specifies the application responsible for defining usage, syntax and semantics of the content_reference_id record and of any other privately defined fields in this descriptor. See also subclause 2.12.1. The value 0x0010 indicates that the content_reference_id_byte is set to the binary encoding of ISAN, and the value 0x0011 indicates that the content_reference_id_byte is set to the binary encoding of VISAN. For ISAN, the value of the content_reference_id_record_length is set to 0x08, and for V-ISAN, is set to 0x0C. The value 0xFFFF indicates that the format is signalled by the value carried in the metadata_application_format_identifier field.

Table AMD1-2 – Metadata_application_format

Value	Description
0x0000 – 0x000F	reserved
0x0010	ISO 15706 (ISAN) encoded in its binary form
0x0011	ISO 20925-1 (V-ISAN) encoded in its binary form
0x0012 – 0x00FF	reserved
0x0100 – 0xFFFFE	user defined
0xFFFF	defined by the metadata_application_format_identifier field