

ISO/IEC JTC 1/SC 29

Coding of audio, picture, multimedia and hypermedia information

Secretariat: JISC (Japan)

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Title: Liaison statement from SC 29/WG 11 to 3GPP-SA4 on 14496-15 Sync Samples [SC 29/WG 11 N 16470]

Status: In accordance with Resolutions taken at the 116th WG11 Meeting, 2016-10-17/21, Chengdu, China, the SC 29 Secretariat forwarded this liaison statement to 3GPP-SA4. [Requested action: For SC 29's information]
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**INTERNATIONAL ORGANISATION FOR STANDARDISATION
ORGANISATION INTERNATIONALE DE NORMALISATION
ISO/IEC JTC1/SC29/WG11
CODING OF MOVING PICTURES AND AUDIO**

**ISO/IEC JTC1/SC29/WG11 N16470
October, 2016 Chengdu, CN**

Source **Systems**
Status **Proposed**
Title **Liaison to 3GPP SA4 on 14496-15 Sync Samples**

Thank you for your interest and responses to our liaison inquiry from February on HEVC sync samples (N16022). After reviewing the ballots results of the proposed text, MPEG has concluded that it is important to recognize existing practice allowed by former ISO/IEC 14496-15 editions for CRA and BLA pictures even though they cannot in fact always be interpreted as sync samples or a SAP of type 1 or 2, while not breaking the numerous codec-agnostic ISOBMFF editing tools already deployed. MPEG will mandate that only BLA and CRA pictures that have no associated RASL pictures can be marked as sync samples in the next version of this specification and note the existing practice and its inconsistency with ISO/IEC 14496-12. MPEG will define a new, optional brand, that requires clean sync points without RASL pictures, to be used as a helper in environments that could be impacted by the previous situation. Although this is balloted as a corrigendum, the updated text will be published directly in the new edition of the specification, 4th edition of ISO/IEC 14496-15.

For the detailed proposed text changes please see the reference 14496-15 DCOR2.2 (N16423) in the WG 11(MPEG) document management system (<http://wg11.sc29.org/>). If you find any difficulties in finding the referenced document, please contact Mayumi Koike (Ms.), the secretary of ISO/IEC JTC 1/SC 29, via e-mail (sc29-sec@itscj.ipsj.or.jp).

If you have any concerns with how this was addressed, MPEG welcomes your comments. MPEG convenes next the week of 16 January 2017.