

<p style="text-align: center;"><b>ISO/IEC JTC 1/SC 29</b> <b>Coding of audio, picture, multimedia and hypermedia information</b> <b>Secretariat: JISC (Japan)</b></p>
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**Status:** In accordance with Recommendation 21.4.2 at the 129th WG 11 Meeting, 2020-01-13/17, Brussels, Belgium, the SC 29 Secretariat sends this liaison statement to 3GPP SA2, 3GPP SA4, 3GPP SA6. [Requested action: For SC 29's information]

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**ISO/IEC JTC 1/SC 29/WG 11**

**Coding of moving pictures and audio**

**Convenorship: UNI (Italy)**

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**INTERNATIONAL ORGANISATION FOR STANDARDISATION  
ORGANISATION INTERNATIONALE DE NORMALISATION  
ISO/IEC JTC 1/SC 29/WG 11  
CODING OF MOVING PICTURES AND AUDIO**

**ISO/IEC JTC 1/SC 29/WG 11 N19052  
January 2020, Brussels, BE**

<b>Source:</b>	<b>Convener</b>
<b>Title:</b>	<b>Liaison letter on NBMP</b>
<b>To:</b>	<b>3GPP SA2, SA4, SA6</b>

We would like to inform you about our progress on the ISO/IEC 23090-8 Network Based Media Processing (NBMP) standard.

At our 129<sup>th</sup> meeting, we issued the 1<sup>st</sup> Edition FDIS, which will go through the final JTC1 ballot approval and is expected to be published in 2020. The NBMP specification enables deployments of media processing workflows using libraries of pre-built 3<sup>rd</sup> party functions on cloud platforms and/or on network and edge computing resources.

We also issued the following documents:

1. The first Working Draft of NBMP Amendment 1 which includes a list of NBMP function templates that are specified according to the core specification.
2. A document on the exploration of split-rendering use-cases with NBMP standard (N19030).

The latter document captures our plan to investigate how the NBMP standard may address the breakdown of a media processing workflow between the client devices and one or multiple network elements and edge computing resources. We would like to request your feedback on this topic, including the use-cases and scenarios that you may be interested in, and invite your experts to participate in this effort.

For your information, our future meeting schedule is as follows:

- 130th MPEG meeting on April 20-24, 2020, Alpbach, Austria.
- 131st MPEG meeting on June 29- July 3, 2020, Geneva, Switzerland.

Reference:

WG 11 N 19030 [Exploration on split rendering with NBMP](#)