|  |  |
| --- | --- |
| **Joint Collaborative Team on Video Coding (JCT-VC)**  **of ITU-T SG 16 WP 3 and ISO/IEC JTC 1/SC 29/WG 11**  10th Meeting: Stockholm, SE, 11–20 July 2012 | Document: JCTVC-J0464 |

|  |  |  |  |
| --- | --- | --- | --- |
| *Title:* | **Mental cross-check of JCTVC-J0112** | | |
| *Status:* | Input Document to JCT-VC | | |
| *Purpose:* | Information | | |
| *Author(s) or Contact(s):* | Truong Cong Thang  Tsuruga, Ikki-Machi, Aizu-Wakamatsu, Japan 965-8580  Hendry 221 Yangjae-dong, Seocho-gu, Seoul, Korea | Tel: Email: | [thang@u-aizu.ac.jp](mailto:thang@u-aizu.ac.jp)  [hendry.hendry@lge.com](mailto:hendry.hendry,%20bm.jeon%7d@lge.com) |
| *Source:* | University of Aizu, LG Electronics | | |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Abstract

This document provides a mental cross-check for JCTVC-J0112.

It is claimed that the authors of this document understand what are being proposed in JCTVC-J0112. The authors of this document would like to summarize the proposal in JCTVC-J0112, which includes the following items:

1. Remove nal\_ref\_flag and reserve the saved bit, resulting in reserved\_one\_6bits instead of reserved\_one\_5bits.
2. Change of temporal\_id to temporal\_id\_plus1 and reserved\_one\_5bits into reserved\_zero\_5bits
3. Change of the value 0 of nal\_unit\_type from "Unspecified" to "Reserved"
4. A fix to the semantics of the extension syntax elements in VPS, SPS, PPS, APS and slice data to allow the NAL units that include extension data to be seen by decoders of the base specification.
5. Extending of the extension mechanism to not only VCL NAL units but to all types of NAL units
6. To support SEI NAL units that may succeed the first VCL NAL unit in the same access unit, so that allowing SEI messages targeted at a sub-set of NAL units of an access unit.

# Patent rights declaration(s)

**University of Aizu and LG Electronics does not have current or pending patent rights relating to the technology described in this contribution.**