Palette syntax and semantics fix working draft

On top of:

R. Joshi and J. Xu, “HEVC screen content coding draft text 2,” in *Joint Collaborative Team on Video Coding (JCT-VC) of ITU-T SG 16 WP 3 and ISO/IEC JTC 1/SC 29/WG 11 19th Meeting*, JCTVC-S1005, Strasbourg, FR, 17–24 Oct. 2014.

#### 9.3.3.1 General

#### Table 9‑38 – Syntax elements and associated binarizations

|  |  |  |  |
| --- | --- | --- | --- |
| palette\_coding( ) | … | … | … |
| palette\_num\_signalled\_entries | ~~TR~~  9.3.3.xx | ~~cMax = 31, cRiceParam = 0~~  - |
| … | … | … |

**9.3.3.xx Binarization process for palette\_num\_signalled\_entries**

Input to this process is a request for a binarization for the syntax element palette\_num\_signalled\_entries.

Output of this process is the binarization of the syntax element.

The binarization of the syntax element palette\_num\_signalled\_entries is a concatenation of a prefix bin string and (when present) a suffix bin string.

For the derivation of the prefix bin string, cMax = 3, the following applies:

* The prefix value of palette\_num\_signalled\_entries, prefixVal, is derived as follows:

prefixVal = Min( cMax, palette\_num\_signalled\_entries ) (9‑xx)

* The prefix bin string is specified by invoking the TR binarization process as specified in subclause 9.3.3.2 for prefixVal with the variables cMax and cRiceParam as inputs.

When the prefixVal equals to 3, the suffix bin string is present and it is derived as follows:

* The suffix value of palette\_num\_signalled\_entries, suffixVal, is derived as follows:

suffixVal = palette\_num\_signalled\_entries − cMax (9‑xx)

* The suffix bin string is specified by invoking EG1 binarization process as specified in subclause 9.3.3.3 for the binarization of suffixVal.