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| **ITU – Telecommunications Standardization Sector**  STUDY GROUP 16 Question 6  **Video Coding Experts Group (VCEG)**  54th Meeting: 15–26 October 2016, Chengdu, CN | Document: VCEG-BB06 |

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| Question: | Q.6/SG16 (VCEG) | | |
| Source: | **Gary J. Sullivan (Microsoft/USA)** 1 Microsoft Way Redmond, WA 98052 USA | Tel:  Email: | +1 425 703 5308  garysull@microsoft.com |
| Title: | **Potential Last Call comments by Microsoft for ITU-T H.273 (V1)** | | |
| Purpose: | Last Call comment | | |

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**Comment**: We support this text on the condition that it be modified as suggested herein.

**Attachment**: None. Comments are given in the Observation field, no attachment needed.

**Observation**: We respectfully submit the following comments on this text:

1. At the time of Consent for ITU-T H.273 in June 2016, it was known that ITU-R was working on a Draft New Recommendation ITU-R BT.[HDR-TV], but that specification had not yet been approved. The approval of ITU-R BT.[HDR-TV] has since occurred, and it is now Rec. ITU-R BT.2100. Because of this:
   1. References to “ITU-R BT.[HDR-TV]” in the text should be replaced with references to (the latest version of) BT.2100.
   2. References to “Rep. ITU-R BT.2390” should be studied to determine whether they should also be replaced with references to (the latest version of) BT.2100.
2. A small detail regarding the precise scaling factor associated with video\_full\_range\_flag for transfer\_characteristics equal to 16 and 18 has remained under study in ITU-R in the development of Rec. ITU-R BT.2100. The final text of ITU-T H.273 should take into account the latest information available on how this aspect should be defined.
3. Other potential editorial problems may include:
   1. Rep. ITU-R BT.2390 is mentioned in the text but not in the Bibliography
   2. For consistency, references to BT.2020 and BT.2390 should refer to the latest version of each (e.g., BT.2020-2 and BT.2390-0) for consistency.
   3. For TransferCharacteristics equal to 17, there is an obvious copy/paste error with an extra string “for all values of Lc” that should be deleted (note also that there is no Lc used in the relevant formula).
   4. Regarding the described alignment with 23001-8, it would be more precise to say that the specification is “technically aligned with the video code points in ISO/IEC 23001-8:2016 and its in-progress Draft Amendment 1”.
4. We also suggest that if any other such editorial problems are noticed in the text, they could be considered for inclusion.

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