**3GPP TSG-S4 Meeting#133-e*****S4-251338***

**Online, 18th–25th July 2025**

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| *CR-Form-v12.2* | | | | | | | | |
| **PSEUDO CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  |  | **CR** |  | **rev** |  | **Current version:** |  |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network | **X** |

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| ***Title:*** | [VOPS] On stereo codecs parameter strings | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Apple Inc. | | | | | | | | | |
| ***Source to TSG:*** |  | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** |  | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***Category:*** |  |  | | | | | ***Release:*** | | |  |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Additions are needed to provide codecs parameter strings and usage for stereo video. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Codecs parameter strings are provided for stereo video, and some corrections to terminology are made. | | | | | | | | |
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| ***Consequences if not approved:*** | | Codecs parameter string examples will be missing for stereo video. | | | | | | | | |
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| ***Clauses affected:*** | | 7.2.1.2, B.2.2 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | |  | **X** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

\* \* \* First Change \* \* \* \*

7.2.1.2 Codecs Parameter String

The *Codecs Parameter String* provides means to identify the codec needed to decode and render the content in the Bitstream. The codecs parameter string shall also include the profile and level information where applicable. The content of this parameter shall conform to the id-simple production of IETF RFC 6381:2011, subclause 3.2, without the enclosing DQUOTE characters. The codec identifier for the media format, mapped into the name space for codecs as specified in IETF RFC 6381:2011, subclause 3.3, shall be used.

\* \* \* Next Change \* \* \* \*

## B.2.2 Mapping of Operation Points to Decoder API

Table B.2.2-1 provides a mapping of operation points to Web Codecs decoder API.

Table B.2.2-1 Mapping of Operation Points to Decoder API

Editor’s Note: This needs to be completed.

|  |  |  |  |
| --- | --- | --- | --- |
| Operation Point | Codecs String | Video Chunk | Video Decoder Config |
| 3GPP-AVC-HD | 'avc1.640029' or 'avc3.640029' | Tbd, see clause 7.2.3 | Tbd, see clause 7.2.3 |
| 3GPP-HEVC-HD | 'hvc1.2.4.L123.B0' or 'hev1.2.4.L123.B0' | Tbd, see clause 7.2.3 | Tbd, see clause 7.2.3 |
| 3GPP-HEVC-HD-HDR | 'hvc1.2.4.L123.B0' or 'hev1.2.4.L123.B0' | Tbd, see clause 7.2.3 | Tbd, see clause 7.2.3 |
| 3GPP-HEVC-UHD-HDR | 'hvc1.2.4.L153.B0' or 'hev1.2.4.L153.B0' | Tbd, see clause 7.2.3 | Tbd, see clause 7.2.3 |
| 3GPP-HEVC-3DTV | tbd | Tbd, see clause 7.2.3 | Tbd, see clause 7.2.3 |
| 3GPP-MV-HEVC-3DTV | 'desc.usecase=vstereo+codec=hvc1.1.6.L93.B0'(Note 1) or 'hvc1.2.4.L153.B0' or 'hev1.2.4.L153.B0' | Tbd, see clause 7.2.3 | Tbd, see clause 7.2.3 |
| Note 1: 'desc' 4CC is used to signal rendering capabilities. 'usecase' specifies the intended use case of the media, here 'vstereo' implying that the resource contains a stereo video pair. 'codec' embeds the codec-specific string. | | | |

\* \* \* End of Changes \* \* \* \*