

## DICOM Correction Proposal

STATUS	Final Text
Date of Last Update	2020/01/17
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Submission Date	2019/05/16

Correction Number	CP 1943
Log Summary:	Incorrect Frame Time's value for Video Type 60 Hz HD
Name of Standard	PS3.5 2019e
Rationale for Correction:	In DICOM PS3.5, to Video Type 60Hz HD should correspond a Frame Time's value of 16.67 ms instead of 16.17 ms. A Frame Time's value of 16.17 ms corresponds to a frequency of 61.86 Hz, not 60 Hz.
Correction Wording:	

*Amend DICOM PS3.5 as follows (changes to existing text are bold and underlined for additions and ~~struckthrough~~ for removals):*

**Table 8-2. MPEG2 Main Profile / High Level Image Transfer Syntax Frame Rate Attributes**

Video Type	Spatial resolution layer	Frame Rate (see Note 2)	Frame Time (see Note 3)
30 Hz HD	Single level, Enhancement	30	33.33 ms
25 Hz HD	Single level, Enhancement	25	40.0 ms
60 Hz HD	Single level, Enhancement	60	16. <del>17</del> <u>67</u> ms
50 Hz HD	Single level, Enhancement	50	20.00 ms

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**Table 8-5. MPEG-4 AVC/H.264 High Profile / Level 4.1 Image Transfer Syntax Frame Rate Attributes**

Video Type	Spatial resolution layer	Frame Rate (see Note 2)	Frame Time (see Note 3)
30 Hz HD	Single level, Enhancement	30	33.33 ms
25 Hz HD	Single level, Enhancement	25	40.0 ms
60 Hz HD	Single level, Enhancement	60	16. <del>17</del> <u>67</u> ms

<b>Video Type</b>	<b>Spatial resolution layer</b>	<b>Frame Rate (see Note 2)</b>	<b>Frame Time (see Note 3)</b>
50 Hz HD	Single level, Enhancement	50	20.00 ms

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**Table 8-7. MPEG-4 AVC/H.264 High Profile / Level 4.2 Image Transfer Syntax Frame Rate Attributes**

<b>Video Type</b>	<b>Frame Rate (see Note 2)</b>	<b>Frame Time (see Note 3)</b>
30 Hz HD	30	33.33 ms
25 Hz HD	25	40.0 ms
60 Hz HD	60	16.467 ms
50 Hz HD	50	20.00 ms