VESA STANDARDS CHANGE REQUEST FORM

To be Filled in by Submitter (Refer to VESA Document VP235H, Section 5)

TITLE:	DisplayID Standard Editorial Corrections
AFFECTED DOCUMENT:	DisplayID Standard v1.3
REVISION CATEGORY:	Refer to VP235H Appendix A; will be subject to Task Group review
SUBMITTED TO:	DisplayPort Link Subgroup & DisplayPort TG
SPONSOR:	Jinkwon Lim, LG Electronics

SCR REVISION HISTORY	
(DATE)	**(CHANGE)**
11/4/2014 v1	**Initial Submission of SCR**
11/20/2014 v2	Updated to current SCR form, minor wording improvements

(add more rows as needed)

To be filled in by VESA Office:

VESA SCR NUMBER:	DispID 1.3 Editorial Corrections
SCR ENTRY DATE:	11/20/14

To be filled in by Task Group or VESA Office

SCR ADOPTED, REJECTED, or otherwise DISPOSITIONED for other action	SCR is (adopted) or (rejected) or (Dispositioned for other action) If rejected, explain reason for acceptation or rejection If dispositioned, explain action or plan for action (such as including in future draft specification revision, or re-visiting at future date, or other)
DATE SCR ADOPTED	2/2/15 Adopted

Summary of the Proposed Change(s)

Editorial corrections to prevent confusion in Tables 4-17, 4-18, 4-19 or Page 33, 37 in DisplayID v1.3

IPR (Intellectual Property Rights) declaration, if any

None

Benefits as a Result of the Changes

Avoid implementer confusion

Assessment of the Impact

None

Analysis of the Device Hardware Implication

None

Analysis of the Device Software Implications

None

Analysis of the Compliance Test & Interop Implications

None

New Referenced Documents Resulting from Change

Errata, v1.3a? or v1.4?

Attachments

None

Proposed Document Change(s) or Addition(s)

1) In Page 33 of Display ID Standard, the first paragraph of "4.4.1 Type 1 Timing – Detailed" is the below. In the second line…"may contain several of the **18 byte** Detailed Timings used in those"…is shown in the standard. However, as the Table 4-17 is shown, each descriptor is presented as the **20 byte** the Detailed Timings Data block. So, the 20 byte Detailed Timings Data block in the table is correct.

"The Type I Detailed Timing Data Block is intended to duplicate the earlier EDID definition as closely as possible and may contain several of the ~~**18 byte**~~ **20byte** Detailed Timings used in those standards adapted for use under the DisplayID data block structure."

Table 4-17: Type I 'Detailed' Timing Data Block

Offset	Value								Description/Format/Priority
00h	03h								TYPE 1 TIMING – DETAILED TAG
01h	7	6	5	4	3	2	1	0	BLOCK Revision and Other Data
	_	_	_	_	_	0	0	1	REVISION '1' VALUES 0 -> 1
	0	0	0	0	0	_	_	_	RESERVED
02h	14h, 28h, 3Ch ….								Number of Payload Bytes in BLOCK = (N x 20) 20 -> 240 All Other Values RESERVED 1 ≤ N ≤ 12
03h	**20 BYTE DESCRIPTOR**								1st Type 1 'DETAILED' TIMING PRIORITY 1
17h	**20 BYTE DESCRIPTOR**								2nd Type 1 'DETAILED' TIMING….(if present) PRIORITY 2

2) In Page 37 of Display ID Standard, the first paragraph of "4.4.2 Type 2 Timing – Detailed" is the below. In the third line…"is also capable of providing multiple timings, up to a **maximum of 27** in a single data block"…is shown in the standard. However, as the Table 4-19 is shown, you can check **from 1 to 22 byte** the Detailed Timings Data block. So, according to it, the 22 byte Detailed Timings Data block is correct.

"The Type II Detailed Timing Data Block provides a more compact form for conveying detailed timing information than is the case with the original 18-byte Detailed Timing (now Type I) used in EDID. The Type II block is also capable of providing multiple timings, up to ~~**a maximum of 27**~~ **22**, in a single data block. However, to be declared in a Type II Timing Data Block, the display timing must meet certain requirements:"

Table 4-19: Type II Detailed Timing Data Block

Offset	Value								Description/Format/Priority
00h	04h								TYPE 2 TIMING – DETAILED TAG
01h	7	6	5	4	3	2	1	0	BLOCK Revision and Other Data
	_	_	_	_	_	0	0	0	REVISION '0' VALUES 0 -> 7
	0	0	0	0	0	_	_	_	RESERVED
02h	Bh, 16h, 21h ….								Number of Payload Bytes in BLOCK = (N x 11) 11 -> 242 All Other Values RESERVED **1 ≤ N ≤ 22**
03h	11 BYTE DESCRIPTOR								1st Type 2 'DETAILED' TIMING PRIORITY 1
0Ch	11 BYTE DESCRIPTOR								2nd Type 2 'DETAILED' TIMING….(if present) PRIORITY 2

- End of Document -