MOST

Media **O**riented **S**ystems **T**ransport

Multimedia and Control Networking Technology

MOST High Protocol Specification Rev. 2.3.1 ERRATA SHEET Rev. 1.0 02/2013

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Contents

Bibliography

All documents, which are referenced by this MOST document, are listed here along with their versions.

	Document	Revision
[1]	MOST High Protocol Specification	2.3.1

Document History

Revision 1.0

Change Ref.	Section	Changes
1V0_001		Initial revision of the Errata Sheet.

1 Introduction

This document is a supplement to the MOST High Protocol Specification Rev. 2.3.1 [1].

2 Errata

2.1 Timers

The following table replaces *Table 6-1* in section *6.1 Timers* of [1].

Timer	Value [ms]	Observable range for testing [ms]		Description of observable range for testing
		min.	max.	
t_{send}	100	50	150	Allowed time range between each attempt when the DSO is building the connection with the REQUEST CONNECTION command.
t_{trans}	3000	2500	3500	Allowed time range of one attempt, when the DSO tries to transmit one block.
t_{end}	100	50	150	Allowed time range between each attempt when closing a connection with the END CONNECTION command.
t_{ready}	100	50	150	Allowed time range between each attempt when the DSI is confirming the connection with the START CONNECTION command.
t_{frame}	200	150	250	Allowed time range when the DSI is waiting for a 0-FRAME.
$t_{receive}$	200	150	250	Allowed time range for reception of MHP Data frames.
t_{Hold}	700	650	800	Allowed time range after receiving a HOLD CONNECTION command.
t_{Hold_Resend}	500	0	550	Allowed time range for sending a HOLD CONNECTION command. The DSO or the DSI may transmit a HOLD CONNECTION command before t_{Hold_Resend} expires.
t_{Delay_End}	6000	5500	∞	Delay of the DSO before closing the connection, if no application request to close the connection exists. During this time, the DSO is waiting for further packets from the application.
$t_{Hold\_Max\_Buf}$	12000	11000	13000	Allowed time range of each hold cycle whenever data buffer is locked by application.
$t_{retrans}$	50	0	100	Allowed time range for single frame acknowledge mode between each attempt to retransmit an unacknowledged MHP Data frame.
	200	0	250	Allowed time range for block acknowledge mode for reception of BLOCK ACKNOWLEDGE or “implicit block acknowledge” (see 4.1.4.1).
t_{dwn_NegAck}	200	0	250	Allowed time range between retries of NEGATIVE ACKNOWLEDGE after received MHP Data frames without 0-FRAME.
$t_{TxSpeedRecovery}$	100	50	150	Allowed time range between each transmission rate increase in block acknowledge mode.

Timer	Value [ms]	Observable range for testing [ms]		Description of observable range for testing
		min.	max.	
t_{AIR_Delay}	AIR	-	-	Average Interrupt Delay This delay has no specific value but is derived from the protocol parameter AIR. The delay is set to AIR received from the DSI. If AIR = 0 or smaller than AIR in the DSO, the delay is set by the DSO. Section 7.1.10 describes how the delay can be adapted during transmission.
t_{mfr}	50	0	200	Allowed time range for the DSI while waiting for MHP Data frames. If an expected frame is not received, a MULTIPLE FRAMES REQUEST is sent.
t_{mfr_retry}	50	0	100	Allowed time range in the DSI between transmission of consecutive MULTIPLE FRAMES REQUEST.

Table 6-1: Timeouts

2.2 AIR

- The sentence "*The performance category determines how many MHP frames the DSI can receive per second.*" replaces "*The performance category determines how many MHP Data frames the DSI can receive per second.*" in section *4.1.2.5 AIR* of [1].

- Add the following sentence at the end of section *4.1.2.5 AIR* of [1]: ***Note:*** *If other more stringent timing restrictions apply, those have to be respected.*

Notes: