

T10 02 - 2763 SAS Combined Request-Confirmation List

Request	Request	Request	Request
SAS Phy Link layer Accept, Reject Opens (Accept) Accept, Reject Opens (Reject)	SAS Link layer Cancel Accept, Reject Opens (Accept) Accept, Reject Opens (Reject)	Port layer Cancel Accept, Reject Opens (Accept) Accept, Reject Opens (Reject)	SSP Transport layer Cancel Accept, Reject Opens (Accept) Accept, Reject Opens (Reject)
SAS Phy layer Open Failed (Wrong Destination) Open Failed (Link Rate Not Supported) Open Failed (Protocol Not Supported) Open Failed (No Destination) Open Failed (Bad Destination) Open Failed (STP Resource Busy) Open Failed (Open Timeout Occurred) Open Failed (Break Received) Open Failed (Retry) Open Failed (Pathway Blocked) Open Failed (Port Layer Request)	SAS Link layer Cancel Acknowledge Transmission Status (Open Failed - Wrong Destination) Transmission Status (Open Failed - Link Rate Not Supported) Transmission Status (Open Failed - Protocol Not Supported) Transmission Status (Open Failed - 1, 1 Nexus Loss Timeout) Transmission Status (Open Failed - Bad Destination) Transmission Status (Open Failed - STP Resource Busy) Transmission Status (Open Failed - 1, 1 Nexus Loss Timeout) Transmission Status (Open Failed - Break Received) Transmission Status (Open Failed - 1, 1 Nexus Loss Timeout)	Port layer Cancel Acknowledge Transmission Status (Open Failed - Wrong Destination) Transmission Status (Open Failed - Link Rate Not Supported) Transmission Status (Open Failed - Protocol Not Supported) Transmission Status (Open Failed - 1, 1 Nexus Loss Timeout) Transmission Status (Open Failed - Bad Destination) Transmission Status (Open Failed - STP Resource Busy) Transmission Status (Open Failed - 1, 1 Nexus Loss Timeout) Transmission Status (Open Failed - Break Received) Transmission Status (Open Failed - 1, 1 Nexus Loss Timeout)	SSP Transport layer Cancel Acknowledge Transmission Status (Open Failed - Wrong Destination) Transmission Status (Open Failed - Link Rate Not Supported) Transmission Status (Open Failed - Protocol Not Supported) Transmission Status (Open Failed - 1, 1 Nexus Loss Timeout) Transmission Status (Open Failed - Bad Destination) Transmission Status (Open Failed - STP Resource Busy) Transmission Status (Open Failed - 1, 1 Nexus Loss Timeout) Transmission Status (Open Failed - Break Received) Transmission Status (Open Failed - 1, 1 Nexus Loss Timeout)
SAS SSP Link layer Tx Frame (Balance Required) Tx Frame (Balance Not Required) Close Connection	SAS SSP Link layer Tx Frame (Balance Required) Tx Frame (Balance Not Required) Close Connection	Port layer Tx Frame (Interlocked) Tx Frame (Non-Interlocked)	SSP Transport layer Tx Frame (Interlocked) Tx Frame (Non-Interlocked)
SAS Phy layer Frame Transmitted ACK/NAK Timeout ACK Received NACK Received Done Received (ACK/NAK Timeout) Frame Received (ACK/NAK Balanced) Frame Received (ACK/NAK Not Balanced)	SAS SSP Link layer Frame Transmitted ACK/NAK Timeout ACK Received NACK Received Done Received (ACK/NAK Timeout) Frame Received (ACK/NAK Balanced) Frame Received (ACK/NAK Not Balanced)	Port layer Transmission Status (Frame Transmitted) Connection Failed (ACK/NAK Timeout) Transmission Status (Credit Timeout)	SSP Transport layer Transmission Status (Frame Transmitted) Connection Failed (ACK/NAK Timeout) Transmission Status (Credit Timeout)
SAS Phy layer Tx Frame (BMP) BMP Transmitted (Break) Accept, Reject Opens (Accept) Accept, Reject Opens (Reject)	SAS SSP Link layer Tx Frame (BMP) BMP Transmitted (Break) Accept, Reject Opens (Accept) Accept, Reject Opens (Reject)	Port layer Tx Frame (BMP) BMP Transmitted (Break) Accept, Reject Opens (Accept) Accept, Reject Opens (Reject)	SSP Transport layer Tx Frame (BMP) BMP Transmitted (Break) Accept, Reject Opens (Accept) Accept, Reject Opens (Reject)
SAS Phy layer Frame Transmitted Frame Received (BMP Failure) Connection Closed (Close Timeout) Connection Closed (Break Received) Connection Closed (Link Broken) Open Failed (Wrong Destination) Open Failed (Link Rate Not Supported) Open Failed (Protocol Not Supported) Open Failed (No Destination) Open Failed (Bad Destination) Open Failed (STP Resource Busy) Open Failed (Open Timeout Occurred) Open Failed (Break Received) Open Failed (Retry) Open Failed (Pathway Blocked) Open Failed (Port Layer Request)	SAS SSP Link layer Frame Transmitted Frame Received (BMP Failure) Connection Closed (Close Timeout) Connection Closed (Break Received) Connection Closed (Link Broken) Open Failed (Wrong Destination) Open Failed (Link Rate Not Supported) Open Failed (Protocol Not Supported) Open Failed (No Destination) Open Failed (Bad Destination) Open Failed (STP Resource Busy) Open Failed (Open Timeout Occurred) Open Failed (Break Received) Open Failed (Retry) Open Failed (Pathway Blocked) Open Failed (Port Layer Request)	Port layer Transmission Status (Frame Transmitted) Frame Received (BMP) Frame Received (BMP Failure) Transmission Status (Connection Lost) Transmission Status (Open Failed - Wrong Destination) Transmission Status (Open Failed - Link Rate Not Supported) Transmission Status (Open Failed - Protocol Not Supported) Transmission Status (Open Failed - 1, 1 Nexus Loss Timeout) Transmission Status (Open Failed - Bad Destination) Transmission Status (Open Failed - STP Resource Busy) Transmission Status (Open Failed - 1, 1 Nexus Loss Timeout) Transmission Status (Open Failed - Break Received)	SSP Transport layer Transmission Status (Frame Transmitted) Frame Received (BMP) Frame Received (BMP Failure) Transmission Status (Connection Lost) Transmission Status (Open Failed - Wrong Destination) Transmission Status (Open Failed - Link Rate Not Supported) Transmission Status (Open Failed - Protocol Not Supported) Transmission Status (Open Failed - 1, 1 Nexus Loss Timeout) Transmission Status (Open Failed - Bad Destination) Transmission Status (Open Failed - STP Resource Busy) Transmission Status (Open Failed - 1, 1 Nexus Loss Timeout) Transmission Status (Open Failed - Break Received)
SAS Phy layer Enable/Disable Link Layer (SAS Enable) Enable/Disable Link Layer (SAS Disable)	SAS Link layer Link Ready Link Not Ready HARD_RESET Received	Port layer Link Ready Link Not Ready Transmission Status (Open Failed - Link Not Ready) HARD_RESET Received	SSP Transport layer Link Ready Link Not Ready Transmission Status (Open Failed - Link Not Ready) HARD_RESET Received
SAS Link layer Tx HARDS_RESET Enable, Disable Port (Enable) Enable, Disable Port (Disable)	SAS Link layer Tx HARDS_RESET Enable, Disable Port (Enable) Enable, Disable Port (Disable)	Management Application HARD_RESET Transmitted HARD_RESET Received Identify Timeout Identify Frame Failed Identify Sequence Complete	Management Application HARD_RESET Transmitted HARD_RESET Received Identify Timeout Identify Frame Failed Identify Sequence Complete
SAS Phy layer Enable/Disable Link Layer (SATA Enable) Enable/Disable Link Layer (SATA Disable)	SATA Link layer Identify Sequence Complete	DATA Link layer Identify Sequence Complete	DATA Link layer Identify Sequence Complete

Phy ready is included in the enable link layer from DSW phy