

T10 02 – 276r1 SAS Combined Request-Confirmation List

<u>← Requests</u>		<u>← Requests</u>	
SAS	Open Connection	Port	
Link	Stop Arb	layer	Cancel
layer	Accept_Reject Opens(Reject)	PL	Accept_Reject Opens(Reject)
SL	Accept_Reject Opens(Accept)	for	
		SSP	Accept_Reject Opens(Accept)
			SSP
			Transport
			layer
			ST

<u>Confirmations →</u>		<u>Confirmations →</u>	
SAS		Port	Cancel Acknowledge
link	Open Failed(Wrong Destination)	layer	Transmission Status(Open Failed - Wrong Destination)
layer	Open Failed(Link Rate Not Supported)	PL	Transmission Status(Open Failed - Link Rate Not Supported)
SL	Open Failed(Protocol Not Supported)	for	Transmission Status(Open Failed - Protocol Not Supported)
	Open Failed(Retry)	SSP	Transmission Status(Open Failed - Retry)
	Open Failed(Pathway Blocked)		Transmission Status(Open Failed - Pathway Blocked)
	Open Failed(No Destination)		Transmission Status(Open Failed - No Destination)
	Open Failed(Bad Destination)		Transmission Status(Open Failed - Bad Destination)
	Open Failed(STP Resources Busy)		Transmission Status(Open Failed - STP Resources Busy)
	Open Failed(Port Layer Request)		Transmission Status(Open Failed - Port Layer Request)
	Open Failed(Open Timeout Occurred)		Transmission Status(Open Failed - Open Timeout Occurred)
	Open Failed(Break Received)		Transmission Status(Open Failed - Break Received)
			Transmission Status(Open Failed - I_T Nexus Loss Timeout)
	Connection Opened(By SSP Source)		
	Connection Opened(By STP Source)		
	Connection Opened(By SMP Source)		
	Connection Opened(By SSP Destination)		
	Connection Opened(By STP Destination)		
	Connection Opened(By SMP Destination)		

T10 02 – 276r1 SAS Combined Request-Confirmation List

	Connection Closed(Break Received)		Connection Closed(Break Received)	
	Connection Closed(Normal)			
	Connection Closed(Close Timeout)		Connection Closed (Close Timeout)	
	Connection Closed(Link Broken)		Connection Closed (Link Broken)	

<u>← Requests</u>		<u>← Requests</u>		
SAS		Port	Transmit Frame(Interlocked)	SSP
SSP		layer	Transmit Frame(Non - Interlocked)	Transport
Link	Tx Frame(Balance Required)	PL		layer
layer	Tx Frame(Balance Not Required)	for		ST
SP	Close Connection	SSP		

<u>Confirmations →</u>		<u>Confirmations →</u>		
SAS	Frame Transmitted	Port	Transmission Status(Frame Transmitted)	SSP
SSP	ACK/NAK Timeout	layer	ACK/NAK Timeout:	Transport
Link	Credit Timeout	PL	Transmission Status(Credit Timeout)	layer
layer	DONE Transmitted	for		ST
SP	DONE Timeout	SSP		
	ACK Received		ACK Received	
	NAK Received		NAK Received	
	Done Received(ACK/NAK Timeout)			
	Frame Received(ACK/NAK Balanced)		Frame Received(ACK/NAK Balanced)	
	Frame Received(ACK/NAK Not Balanced)		Frame Received(ACK/NAK Not Balanced)	
			Transmission Status(Connection Lost)	

<u>← Requests</u>		<u>← Requests</u>		
SAS	Tx Frame(SMP)	Port	Transmit Frame (SMP)	SMP
SMP	SMP Transmit Break	layer	SMP Transmit Break	Transport
Link		PL		layer
layer	Accept Reject Opens(Accept)	for	Accept Reject Opens(Accept)	MT
MP	Accept Reject Opens(Reject)	SMP	Accept Reject Opens(Reject)	

T10 02 – 276r1 SAS Combined Request-Confirmation List

Confirmations →		Confirmations →	
SAS	Frame Transmitted	Port	Transmission Status(Frame Transmitted)
SMP	Frame Received(SMP)	layer	Frame Received(SMP)
Link	Frame Received(SMP Failure)	PL	Frame Received(SMP Failure)
layer		for	
MP	Connection Closed(Close Timeout)	SMP	Connection Closed (Close Timeout)
	Connection Closed(Break Received)		Connection Closed(Break Received)
	Connection Closed(Link Broken)		Connection Closed (Link Broken)
	Open Failed(Wrong Destination)		Transmission Status(Open Failed - Wrong Destination)
	Open Failed(Link Rate Not Supported)		Transmission Status(Open Failed - Link Rate Not Supported)
	Open Failed(Protocol Not Supported)		Transmission Status(Open Failed - Protocol Not Supported)
	Open Failed(Retry)		Transmission Status(Open Failed - Retry)
	Open Failed(Pathway Blocked)		Transmission Status(Open Failed - Pathway Blocked)
	Open Failed(No Destination)		Transmission Status(Open Failed - No Destination)
	Open Failed(Bad Destination)		Transmission Status(Open Failed - Bad Destination)
	Open Failed(STP Resources Busy)		Transmission Status(Open Failed - STP Resources Busy)
	Open Failed(Port Layer Request)		Transmission Status(Open Failed - Port Layer Request)
	Open Failed(Open Timeout Occurred)		Transmission Status(Open Failed - Open Timeout Occurred)
	Open Failed(Break Received)		Transmission Status(Open Failed - Break Received)
			Transmission Status(Open Failed - I_T Nexus Loss Timeout)
			Transmission Status(Credit Timeout)
			Transmission Status(Open Failed - Phy Not Ready)

← Requests		← Requests	
SAS	Tx IDENTIFY Address Frame	Port	SSP
Link	Tx HARD_RESET	layer	Transport

T10 02 – 276r1 SAS Combined Request-Confirmation List

