Accredited Standards Committee
X3, Information Processing Systems

Doc: X3T10.1/96a111r2
Date: February 27, 1996
Project: 1146, 1147, 1051
Ref Doc.: PH2, TL2, S3P
Reply to: John Scheible

To: X3T10.1 Membership
From: John Scheible

Subject: What goes in rev 0 of second generation documents?

BACKGROUND

95a216r2 tracked the deferred proposals for the second generation SSA documents. If the X3T10 letter ballot comments are resolved in late February, and X3T10 forwards the documents to public review, then they are effectively frozen. That is the perfect time to generate the first pass of the second generation SSA documents.

This proposal's goal it to get consensus from the X3T10.1 organization as to what belongs in those documents so that Charles Monia (S3P) and I (PH2 and TL2) can generate them. Below is a summary and my recommendations for PH2 and TL2. Also included is a table of the 95a216r2 documents so that a later rev of this proposal can document the results.

I admit that I have lost track of what was deferred at the December and January meetings (complicated by a late mailing). My apologies if I left anyone out.

Note: These recommendations do not reflect what should eventually reside in the second generation documents, but rather what should go in revision 0 of these documents (ideally due in March 1996).

PROPOSAL

The table on the next page is a starting discussion point for the 2/29/96 plenary. If I placed a "?" in the Yes column, it means that I was not able to make a firm decision within the tight time constraints of the mailing.

Sincerely,

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Document	Yes	No	Reason
Include in SSA-PH2 rev 0			
94a064r0 - Longer links at high data rates (Ed Gardner)		No	Informational, not in proper format
95a102r0 - Mathematical Analysis of K28.5 Spectral Content (Cypress Semiconductor)		No	Informational, not in proper format
95a109r0 - SSA higher data rates (Ian Judd)		No	Informational, not in proper format
95a121r0 - Synthesized K28.5 Signal at 40 MB/sec (Ed Grivna)		No	Not in useable form, needs discussion
95a157r0 - AMPMODU MT Shielded System Proposal #1 (AMP)		No	Not in useable form, needs discussion
95a158r0 - AMPMODU MT Unshielded System Proposal #2 (AMP)		No	Not in useable form, needs discussion
95a159r0 - AMPMODU MTE Interconnect System Proposal #3 (AMP)		No	Not in useable form, needs discussion
95a160r0 - SSA Inrterconnection Proposal (Brad Stauch)		No	Not in useable form, needs discussion
95a169r0 - SSA Solid State Resiliency Circuit (V. Oecone/D. Bouvier)		No	Informational, not in proper format
95a170r0 - SSA40 (Phil Murfet/James Mason)		No	Informational, not in proper format
95a178r2 - Physical layer modifications for SSA-40 (Larry Lamers)	Yes		Proper format if agreeable
95a190r0 - Precharge changes (Paul Petersen)	?		Proper format if agreeable
95a191r0 - Minimum ESD Tolerance Specification for SSA-PH devices (Mark DeWilde)	?		Proper format if agreeable
95a197r0 - High Speed Serial Data Connector (AMP)		No	Not in useable form, needs discussion
Include in SSA-TL2 rev 0			
95a114r0 - AST and AET in Data Transfer SMSs proposal (John Scheible)	Yes		Proper format if agreeable
95a175r0 - Buffer threshold in 20/40 MB Webs proposal (Rick Born)	Yes		Proper format if agreeable
95a179r1 - Transport layer modifications for SSA-40 (Larry Lamers)		No	Already in TL1 except speed negotiation which is obsolete
95a192r0 - Live lock proposal (Mark DeWilde)		No	Incorporated in 96a113?
95a193r0 - SSA Port Speed Negotiation proposal (Mark DeWilde)		No	Obsolete by 96a113
95a206r0 - Overview of Proposed Approach to S2P Hot Swap and Fault Recovery (Charles Monia)		No	Not in useable form, needs discussion
95a214r0 - SSA Speed Negotiation (Ian Judd)		No	Withdrawn in favor of 96a113
95a225r1 - SSA Negotiation (Greg Kapraun)		No	Withdrawn in favor of 96a113
95a226r1 - SAT Algorithm extension for switches (Mark DeWilde)		?	Needs more discussion
95a227r1 - TL1 support for SAT regions (Mark DeWilde)		No	Needs more discussion
96a113r2 - Simple Speed Negotiation (John Scheible)	Yes		In the proper format if agreeable
Include in SSA-S3P rev 0			
95a133r0 - SCSI Status SMS enhancement (John Scheible)	Yes		Provides Auto Sense and is ready to include
95a187r0 - Alternate Pathing proposal (John Scheible)		No	Obsolete
95a210r0 - Proposal Loss of Initiator Table Space (Mark DeWilde)	?		Proper format if agreeable
95a203r0 - Define procedures for interlocked protocol emulation (Charles Monia)			Needs discussion
95a204r1 - Restrict all transfers between a given initiator and target to a single path (Charles Monia)			Needs discussion
95a205r0 - Extend the definition of a path to include sender and receiver ports (Charles Monia)			Needs discussion
95a206r0 - Overview of Proposed Approach to S2P Hot Swap and Fault Recovery (Charles Monia)		No	Not in useable form, needs discussion
95a213r0 - Proposal on Async Alerts & S2P (Mark DeWilde)	?		Close, but not proper format, needs discussion.