

IEEE P1394b SCAT

Status	
AIP	
SCATNo	Owner
4	B-Low Power
Title	
Standby Proxy Self-ID	
Description	
Proxy self-ID packets for "leaf" nodes in standby	
NextActions	
Write-up proposal; deliver to Plenary for ratification	

Status	
AIP	
SCATNo	Owner
6	UTP
Title	
Signal Detect Plus	
Description	
Resolve signal detect and related issues for UTP-5	
NextActions	
Alistair to update next draft	

Status	
AIP	
SCATNo	Owner
7	Eric Hannah
Title	
High Speed Copper Cables	
Description	
Verify functionality of 1995 cables at S800	
NextActions	
Change draft to point to Annex K in IEEE P1394a	

Status	
DONE	
SCATNo	Owner
3	PHY-Link
Title	
PHY Register Map	
Description	
Complete design of register map (to include speed limit bits in port registers - settable by firmware, as well as other required bits)	
NextActions	
None	

Status	
DONE	
SCATNo	Owner
14	PHY-Link
Title	
A/B PHY-Link Interoperability	
Description	
A-Link to B-PHY operating model	
NextActions	
None	

Status	
Open	
SCATNo	Owner
2	Eric Hannah
Title	
Root Contention Time	
Description	
Verify that root contention time values will work with long haul	
NextActions	
Eric will get the right answer - using resources of his own choosing (report at next meeting)	

Status	
Open	
SCATNo	Owner
20	Not Assigned
Title	
Description	
New Cycle Start	
NextActions	

Status	
Open	
SCATNo	Owner
21	Not Assigned
Title	
Description	
1394.1 liaison as required	
NextActions	

Status	
Open	
SCATNo	Owner
22	Not Assigned
Title	
Description	
Resolve speed map issues	
NextActions	

Status	
Open	
SCATNo	Owner
23	Not Assigned
Title	
Description	
Complete DC BIAS Specification	
NextActions	

Status	
Open	
SCATNo	Owner
24	Not Assigned
Title	
Description	
Changes to IRM (band-width & channels allocation)	
NextActions	

Status	
Open	
SCATNo	Owner
25	Not Assigned
Title	
Description	
PHY Test Modes	
NextActions	

Status	
Open	
SCATNo	Owner
26	Not Assigned
Title	
Description	
Delayed error detection & reporting (10.9.3.2)	
NextActions	

Status	
Open	
SCATNo	Owner
27	Not Assigned
Title	
Description	
Write clause three (Summary)	
NextActions	

Status	
Open	
SCATNo	Owner
28	Not Assigned
Title	
Description	
Beta only copper cables for speeds greater than S100	
NextActions	

Status	
WIP	
SCATNo	Owner
1	Upstarts
Title	
1394a start-up Alignment	
Description	
Fix start-up to align with P1394a when it has been completed	
NextActions	
Work coming forth from 1394a BRC - sort out disable	

Status	
WIP	
SCATNo	Owner
5	B-Port
Title	
Port Interface	
Description	
Fix & Document Port interfaces (and filtered input from Simulations)	
NextActions	
Stronger typing of the functions, services and variables; Dispense control codes and deprecate others (as appropriate)	

Status	
WIP	
SCATNo	Owner
8	UTP
Title	
UTP Electrical	
Description	
Complete UTP electrical Specs	
NextActions	
Alistair to get numbners, Eric to simulate/validate them	

Status	
WIP	
SCATNo	Owner
9	Eric Hannah
Title	
Jitter Budgets	
Description	
Finalize jitter budgest and specifications for all speeds and media	
NextActions	
Colin to deliver a new template for numbers to be plugged into	

Status	
WIP	
SCATNo	Owner
10	Upstarts
Title	
Standby Start-up	
Description	
Upstarts complete standby interaction	
NextActions	
Review stand-by technical proposal and validate restore start-up procedure is accurate - report at next meeting	

Status	
WIP	
SCATNo	Owner
11	B-Port
Title	
Standby Codes	
Description	
Standby encoding signaling	
NextActions	
Alistair will dispense control codes as appropriate - complete by next meeting	

Status	
WIP	
SCATNo	Owner
12	B-Port
Title	
Arbitration Tokens	
Description	
Arbitration Token Completion	
NextActions	
Mike will use that which is available and will contact Alistair if additional codes are needed	

Status	
WIP	
SCATNo	Owner
13	PHY-Link
Title	
PHY-Link electrical specs.	
Description	
PHY-Link electrical specs.	
NextActions	
Chris Dorsey will take request for electrical specifications to the ST PHY designers in Grenoble, request numbers, and return with those numbers in a report to be delivered at the next meeting,	

Status	
WIP	
SCATNo	Owner
15	Accelerations
Title	
B.O.S.S. Port & PHY-Link	
Description	
Interface with B-Port connections & PHY-Link sub-layer	
NextActions	
Group is meeting later today. Report will be available at the next meeting	

Status	
WIP	
SCATNo	Owner
16	Max Bassler
Title	
Beta mode media dependent speed	
Description	
Shall Beta mode support S100 through S400 on all media types?	
NextActions	
Presented at yesterday's Plenary. Tabled for further discussion in a future Plenary. What is the fastest low-speed the Consumer Electronic folks would like to see on a Beta only connector?	

Status	
WIP	
SCATNo	Owner
17	Jerry Hauck
Title	
Beta PHY ID	
Description	
Need a mechanism to identify Beta capable PHYs at self-ID time	
NextActions	
Colin will document a PHY register which will capture the highest link speed of a legacy path - Jerry will provide a write-up to Colin by the end of the day today.	

Status	
WIP	
SCATNo	Owner
18	Copperheads
Title	
Beta Copper Connector	
Description	
Two connectors: 1) Beta only with no power; 2) Beta only with power	
NextActions	
Waiting for report from Copperheads at next Plenary (March, 1999)	

Status	
WIP	
SCATNo	Owner
19	Michael D. Johas-Teener
Title	
Loop Healing	
Description	
Changes are needed in Tree-ID such as to support loop healing	
NextActions	

Status	
WIP	
SCATNo	Owner
29	David Wooten
Title	
"B" Root	
Description	
How does one go about making certain a "B" node is TOOT (if a "B" node exists on the bus)	
NextActions	
David will return with a proposal at the next meeting	

Status	
WIP	
SCATNo	Owner
30	Accelerations
Title	
B.O.S.S. State machine & Code	
Description	
The state machine for B.O.S.S. and the 'C-Code' for B.O.S.S. needs to be completed	
NextActions	
Summary update to be published on February 19th	

Status	
WIP	
SCATNo	Owner
31	Accelerations
Title	
B.O.S.S. Border Node	
Description	
The behavior and operation of a border node needs to be determined	
NextActions	
Publish a summary on February 19th	

Status	
WIP	
SCATNo	Owner
32	Accelerations
Title	
B.O.S.S. Validation	
Description	
Validate that B.O.S.S. will support border node functionality	
NextActions	
Publish summary on February 19th	

Status	
WIP	
SCATNo	Owner
33	Colin Whitby-Stevens
Title	
Beta Only Copper Speed	
Description	
Speed ranges for new Beta copper connector	
NextActions	
Colin will socialize this topic on the reflector - with influence toward "faster is better"	