-												
C/ 113	SC 113.7.	1 /	^D 178	L 23	# i-10	C/ 113	SC	113.7.2		P 178	L 44	# [i-11
Maguire,	Valerie	Th	e Siemon	Company		Maguire,	Valerie		Т	he Siemon	Company	
Comment	t Type TR	Comment Stat	us R) obonnolo moo	Cab	bling Commen	t Type	TR	Comment Sta	atus R	A channela m	Cabling
speci	fications descri	bed in ISO/IEC TR 1	1801-990	5, will support 25	GBASE-T.	spec	fications	described	d in ISO/IEC TR	11801-990	5, will support	25GBASE-T.
Suggeste	dRemedy					Suggeste	dRemea	'y				
Refer to see	to page 3 of hi e proposed cha	ttp://www.ieee802.org	g/3/bq/pub arks.	lic/nov15/maguii	re_3bq_01a_1115.pdf	If Refe to se	[.] to page e propos	4 of http: ed change	//www.ieee802.c es with revision	org/3/bq/pub marks.	olic/nov15/mag	juire_3bq_01a_1115.pdf
Response	e	Response Statu	ıs U			Respons	Э		Response Sta	tus U		
REJE	ECT.					REJE	CT.					
No co	onsensus to cha	ange the draft.				No c	onsensus	to make	this change to t	he draft		
Straw	/ Poll:					Strav	/ Poll:					
l sup	port the comme	enter's proposed reso	plution (inc	luding both page	es 3 & 4 of the	I sup	port the	commente	er's proposed re	solution (inc	luding both pa	iges 3 & 4 of the
refere	enced file) with	editorial license to al	ign with m	ore recent parall	el changes to the dra	aft refere	enced file	e) with edi	itorial license to	align with m	ore recent par	allel changes to the draft
(e.g., Y:8	star topology	language).				(e.g., Y:7	star top	ology lan	iguage).			
N:10						N:8						
A: 9						A:9						
Straw	/ Poll:					Strav	/ Poll:					
l sup	port rejecting th	is comment				l sup	port reje	cting this o	comment			
Y: 14						Y: 10						
N: 9						N: 7						
A: 3						A. 7						
The e	editor asked wh were none. Th	ether there were any ne editor then asked	additional	l proposals to rea	solve the comment - to believed there woul	ıld						

be proposals after the lunch break or at this meeting - there were none.

Comment ID i-11

-													
<i>CI</i> 113 RAN, ADEE	SC 113.5.3.5	P 170 Intel Corporati	<i>L</i> 45 ion	# i-93		C/ 113 RAN, ADE	SC 113 E	.5.4.3		P 171 Intel Corporat	L 22 ion	# i-94	
Comment Tyj Does the Specifica function I SLAVE T requirem ppm/secc specified Also, the MASTER SuggestedRe If SLAVE	pe TR of frequency variation ally, since asymmetric has no clock to tra- "X has to use loop ents when the MA ond of the closed- for the slave. The is no test mode is going in and of emedy is subject to the state	Comment Status R on requirement also apply etric LPI operation is poss ack for extended periods w o-timing clock during that t STER is in LPI? Holding loop frequency seems char e that enables measurement ut of LPI.	to SLAVE PH ible, the SLAV when the MAST ime. What are the open-loop f allenging. I dor ent of the SLAV nd paragraph, s	Ys? E clock recovery ER is in LPI. The the frequency/phas frequency within 0.' 't see another valu /E frequency when state it explicitly.	EEE Se 1 e	Comment What of enclos from g Suggested Please Response ACCEI Implen [Editor the res Chang	Type TI loes "rema ures are gr round conr Remedy reword to PT IN PRIM nented in c s note add olution to d e to "All co	R iin over ounded ection? clarify. NCIPLE ommen led afte commen mponel	Comment S the ground red to the same ? Response St ti -139 rr comment rea nt i-139 was: nts that are e	tatus A ference plane connection? of atus U solution was of	" mean? does or should they complete: induced fields	it mean compone all float to be isola should remain ove	<i>EMI test</i> nt ted
If not, sta SLAVE, o If anythin	ate that it only hold especially with MA ng is required from	ds for MASTER, and spec ASTER in LPI. I SLAVE, please address	ify separately v how it can be v	what is required from	m	ground]	reference	plane."					
Response REJECT Commen This is th	The the text in text i	Response Status U ide specific sufficient reme use 55 and was not misur	edy. nderstood. A s	lave which does no	ot								
understo	od the requiremer	nt to apply to both master	and slave and	was correct as writ	ten.								

Comment ID i-94

C/ 113	SC 1	13.7.1		P 178	L 25	# i-109
Rossbach,	Martin		N	exans Ca	anada Inc.	
Comment Add C	<i>Type</i> lass FA	TR for 25GB	Comment Sta ASE-T Cabling	<i>itus</i> R Types		Cablin
Suggested	Remed	V				
use th require 21. Th a nom cablin Additio a) 400 conne b) 400 additio c) 250 PHY e d) 250 additio	e followies 4-pair e cablin inal imp g may b onally: GBASE- ct PHY GBASE- onal tran GBASE- onal tran GBASE- onal tran	ng text fo r balanceo g system edance of e supporto T uses ba entities. T is an ap smission T uses ba T is an ap smission	r 113.7.1 "The c d cabling with a r used to support f 100 Ohm listed ed if the link seg alanced cabling l oplication of the requirements sp lanced cabling li plication of the b requirements sp	abling sy nominal i 25GBAS i in Table ment me listed in T balanced becified in sted in T balanced	stem used to suppo mpedance of 100 O SE-T requires 4-pair 113-22. Operation tets the requirement Fable 113-21 in a s cabling listed in Ta able 113-22 in a st cabling listed in Tat this subclause. "	rt 40GBASE-T hm listed in Table 113- balanced cabling with on other classes of s of 113.7. star topology to ble 113-21 with the tar topology to connect ble 113-21 with the
Response			Response Sta	tus U		
REJE No co	CT. nsensus	to make	this change to th	ne draft. ((see comments i-10	and i-11)
[Editor the res No cor	r's note a solution nsensus	added afte to comme to chang	er comment reso ent i-10 was: e the draft.	olution wa	as complete:	
Straw I supp referen (e.g., ' Y:8 N:10 A: 9	Poll: ort the c nced file star tope	commente) with edit ology' lang	er's proposed res torial license to a guage).	olution (i align with	ncluding both pages more recent paralle	3 & 4 of the I changes to the draft
Straw I supp Y: 14 N: 9 A: 3	Poll: ort rejec	ting this c	comment			
The ed there v be pro	ditor ask were noi posals a	ed wheth ne. The e after the lu	er there were an editor then asked unch break or at	y addition whether this mee	nal proposals to res there were any who ting - there were no	olve the comment - believed there would ne.
the res	solution	to comme	ent i-11 was:			

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

Comment ID i-109

Page 3 of 5 2/8/2016 8:14:57 AM

No consensus to make this change to the draft

Straw Poll:

I support the commenter's proposed resolution (including both pages 3 & 4 of the referenced file) with editorial license to align with more recent parallel changes to the draft (e.g., 'star topology' language). Y:7

- N:8
- A:9

Straw Poll:

I support rejecting this comment

Y: 10 N: 7

A: 7]

C/ 113	SC	113.7.2	P 178	L 39	# i-110
Rossbach,	Martin		Nexans Ca	nada Inc.	
Comment	Туре	TR	Comment Status R		Cabling
Add Ta	able 11	3-22 for 2	5GBASE-T Cabling Types	including Class F	A
uggested	Remed	ly			
Link se A link s of this segme Table 113-22 Table Cablin ISO/IE Catego Table Catego CLASS	egment segment subcla int inclu turn los ints is s 113-21 2 lists th 113-21 g Supp C Clas ory 8 30 C Clas ory 8 30 C Clas ory 8 30 C Clas	transmis transmis transmis use provid de inserti s. In addi pecified. lists the s ne suppor 40GBAS oborted link s I / Class oborted link s I / Class oborted link s I / Class oborted link s I / Class 0 m ANSI, 0 m ISO/I	sion parameters ng of up to 30 m of cabling des a reliable medium. The on loss, delay parameters tion, the requirements for t supported cabling types and ted cabling types and dista E-T Cabling types and dista is ll 30 m ISO/IEC 11801-1 TIA-568-C.2-1 E-T Cabling types and dista segment distances Cabling is II 30 m ISO/IEC 11801-1 TIA-568-C.2-1 E-T Cabling types and dista com ISO/IEC 11801-1 TIA-568-C.2-1 EC 11801-1 Edition 3 up t	g that meets the tr e transmission par , nominal impedar the alien crosstalk d distances for 40 ances for 25GBAS ances ng references Edition 3 ances ng references Edition 3 o 30m / ISO/IEC 1	ansmission parameters ameters of the link nce, NEXT loss, ACRF, coupled "between" link GBASE-T and Table E-T.
esponse			Response Status U		
REJEO No cor	CT. Isensu	s to make	this change to the draft.	See comment i-10	and i-11
[Editor the res No cor	's note solution	added afi to comm s to chang	er comment resolution wa ent i-10 was: ge the draft.	s complete:	
Straw I suppo referer (e.g., 's Y:8 N:10 A: 9	Poll: ort the o nced file star top	commente e) with ed ology' lar	er's proposed resolution (ir itorial license to align with guage).	ncluding both page more recent paral	es 3 & 4 of the lel changes to the draft
Straw I suppo Y: 14 N: 9 A: 3	Poll: ort reje	cting this	comment		

The editor asked whether there were any additional proposals to resolve the comment there were none. The editor then asked whether there were any who believed there would

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

Comment ID j-110

oposals after the lunch break or at this meeting - there were none.

esolution to comment i-11 was: onsensus to make this change to the draft

Poll:

port the commenter's proposed resolution (including both pages 3 & 4 of the enced file) with editorial license to align with more recent parallel changes to the draft 'star topology' language).

Poll:

port rejecting this comment

C/ 113	SC 113.8.1	F	[,] 192	L 8	# i-132
Schicketanz	z, Dieter	Re	utlinge	en Universty	
<i>Comment T</i> in Kana passed	<i>ype</i> TR ta 2014 when c later by saing i	Comment State leciding on the MD t woud not preclud	<i>is</i> R I conn e othe	ector the motion f r options. This wo	<i>Cabling</i> or an "RJ45" failed.It rding was not
implem said it v and not	ented just old w vould be a tech a technical cha	rording used. In the nical change. To m ange. I personally v	e Berli iy kno vas ve	n meeting this was wlege implementir ery disapointed abo	discussed but it was ng a motion is editorial out the treatment in Berlin.
Suggested	Remedy				
Change connec 81repla satisfy	e the sentence t tor is not the on ice "shall" with " all.	o reflect the outcol ly one possible.e.ç to" My english is n	me of g:Start ot suff	the motion that the at linee 8: One op ficient to propose a	one mentioned otion is anAfter-7- a good wording that would
Response		Response Statu	s U		
REJEC No con	T. sensus to chan	ge the draft for this	comr	nent.	
Comme Change "One op the imp mechar	enter clarifies su P192 Line 8 to ption is using ei roved character nical interface to	iggested remedy a read: ght-pin connectors ristics and frequen the balanced cab	s: meeti cy exte ling."	ing the requiremer ensions specified i	nts of IEC 60603-7-51 with in IEC 60603-7-81 as the
Straw p I suppo Y:9 N:12 A:6	ooll: rt the clarified s	uggested remedy	for this	s comment i-132.	
Straw p I suppo Y:12 N: 8 A: 7	ooll: rt rejecting this	comment:			
From th (http://v	ne September 2 vww.ieee802.or	014 Task Force m g/3/bq/public/sep1	eeting 4/unco	, Ottawa, ON, Car onfirmed_minutes_	nada meeting minutes _3bq_0914.pdf)
The sec preclud	cretary & Editor e additional MD	noted that they un I's should they be	dersto offere	ood the language o d in the future.	of the motion not to
Comme	enter clarifies th tive MDI.	at he is requesting	that t	he draft to be mod	lified to include an

Comment ID i-132