IEEE P802.3cu D3.0 100 Gb/s per wavelength on SMF Initial Sponsor ballot comments

C/ 140	SC 140.	6.1	P 41	L 37	# <u>1-</u> 63	C/ 140	SC	140.6.1	P4	1 1	L 51	# <u>1-</u> 64
Dawe, Pier	rs J G		Mellanox Teo	chnologies		Dawe, Pie	rs J G		Mella	nox Techno	ologies	
Comment	Туре ТГ	z	Comment Status R	spec	cifications (updated 0929)	Comment	Туре	TR	Comment Status	R	spe	cifications (updated 0929)
100GB standa 100GB can't u	BASE-DR and and says so BASE-DR of se anyway,	nd 100GE or not). S ne. It's n without s	BASE-FR1 are expected So the 100GBASE-FR1 t ot worth making a specia super-high extinction rati	to be interopera transmitter must al case for 0.2 dl o.	ble (whether this not be weaker than the 3 that most transmitters	The re optica power	ceiver i PAM4 don't e	must be p clauses, xclude all	orotected from over-e 400ZR and 100GBA of these (but if you l	mphasised SE-ZR. Ov believe they	very bad sig ver/under-sho y do, the K lir	gnals as in all other oot and peak-to-peak nit won't hurt you).
Suggested	Remedy					Limit 1		y - 10log10	(Ceq) and TECO - 1		a) for 100GB	ASE-ER1 and
Chang 100GB dBm. In 140. equal t	e 100GBAS BASE-DR. 10a.1, dele to the value	SE-FR1 a As a cons ete "and tl for avera	iverage launch power (m sequence, change avera he 100GBASE-FR1 tran age launch power (min) f	in) from -3.1 to - ge receive powe smitter average for 100GBASE-D	2.9, same as for r (min) from -7.1 to -6.9 power is greater than or R in Table 140-6."	100GI As the agains SECC Remo Simila	BASE-L re's nov t them, - 10log ve the in rly for 4	R1 to 3.4 w no need in Table g10(Ceq) nserted w 00GBAS	dB. d to generate such b 140-7 Conditions of (max) of 3.4 dB. vording in 140.7.5 an E-FR4 400GBASE-L	ad signals for stressed re- id 5th item in .R4-6.	or Rx stress ceiver sensit n list in 140.	test or test the receiver tivity test, add limits for 7.10.
						Response			Response Status	U		
						REJE	CT.					
A strav Straw Do you 100GB Y:9, N:	w poll was t poll #1: u support ch BASE-FR1. :9, Abstain:	aken on t nanging tl 11	the 29th September 2020 he average launch powe	0 IEEE P802.3ct r (min) from -3.1	u interim meeting: dBm to -2.9 dBm for	The co 100GE The IE force I	omment BASE-F EE P80 review a	t is propo R1, 100G 02.3cu Ta and workir	sing values for parar BBASE-LR1, 400GB/ ask Force reviewed ti ng group ballot, and	neters for th ASE-FR4 ar hese param reached co	nat are not cu nd 400GBAS neters previo nsensus to r	urrently in Draft D3.0, for SE-LR4-6. usly during both task iot include them.
There	is no conse	ensus to r	nake the proposed chan	ge.		While may h	the con ave bee	nment do en the inte	es not request the ac ention of the comme	ddition of th nter.	nese parame	eters into the draft, that
						There	is no co	onsensus	to make the propos	ed change.		

Comment ID 1-64

IEEE P802.3cu D3.0 100 Gb/s per wavelength on SMF Initial Sponsor ballot comments

C/ 140	SC	140.6.1	P 4	2	L 7	# <u>1-65</u>				
Dawe, Pie	rs J G		Mella	nox Techno	logies					
Comment 100GE transn	<i>Type</i> BASE-D nitter m	TR DR and 100 ust not trar	Comment Status GBASE-FR1 are in Ismit a worse signa	R teroperable I than the 10	spe . So the 10 00GBASE-	<i>ecifications (updated 0929)</i> 00GBASE-FR1 DR one.				
Suggested Limit 1	dRemed TECQ -	<i>dy</i> 10log10(C	eq) for 100GBASE-	FR1 to 3.4	dB.					
Response REJE	CT.		Response Status	U						
The co 100GE	The comment is proposing a value for a parameter that is not currently in Draft D3.0, for 100GBASE-FR1.									

The IEEE P802.3cu Task Force reviewed this parameter previously during both task force review and working group ballot, and reached consensus to not include it.

While the comment does not request the addition of this parameter into the draft, that may have been the intention of the commenter.

There is no consensus to make the proposed change.