C/ FM SC FM P1 L23 C/ FM SC FM P11 L6 # 24 Anslow, Pete Self Wienckowski, Natalie General Motors Company Comment Type Ε Comment Status D F7 Comment Type E Comment Status D IEEE Std 802.3cg-2020 and IEEE Std 802.3cm-2020 are now published. IEEE Std 802.3ca will be approved prior to cr. SuggestedRemedy SuggestedRemedy Add "IEEE Std 802.3ca™-20xx Change all instances of "IEEE Std 802.3cg-20xx" to " IEEE Std 802.3cg-2020" Change all instances of "IEEE Std 802.3cm-20xx" to " IEEE Std 802.3cm-2020" Amendment y—This amendment to IEEE Std 802.3-2018 extends the operation of Ethernet Passive Optical Networks (EPONs) to multiple channels of 25 Gb/s providing both Proposed Response Response Status W symmetric and asymmetric operation for the following data rates (downstream/upstream): PROPOSED ACCEPT. 25/10 Gb/s, 25/25 Gb/s, 50/10 Gb/s, 50/25 Gb/s, and 50/50 Gb/s. This amendment specifies the 25 Gb/s EPON Multi-Channel Reconciliation Sublayer (MCRS), 25GBASE-P1 C/ FM SC FM L23 # 68 Nx25G-EPON PHYsical Coding Sublayers (PCSs), Physical Media Attachments (PMAs), and Physical Medium Dependent sublayers (PMDs) that support both symmetric and Wienckowski, Natalie General Motors Company asymmetric data rates while maintaining backward compatibility with already deployed 10 Comment Type E Comment Status D F7 Gb/s EPON equipment. The EPON operation is defined for distances of at least 20 km, and for a split 802.3cm was approved in 2020 ratio of at least 1:32." SuggestedRemedy Proposed Response Response Status W Change "802.3cm-20xx" to "802.3cm-2020" also on P11 L12 PROPOSED ACCEPT. Proposed Response Response Status W PROPOSED ACCEPT. C/ FM SC FM P11 **L6** # 69 Wienckowski, Natalie General Motors Company SC FM P**1** C/ FM L23 Comment Type E Comment Status D Wienckowski, Natalie **General Motors Company** IEEE Std 802.3ch will be approved prior to cr. Comment Type E Comment Status D F7 SuggestedRemedy 802.3cg was approved in 2020 Add "IEEE Std 802.3ch™-20xx SuggestedRemedy Amendment x—This amendment includes changes to IEEE Std 802.3-2018 and adds Clause 149 and Annex 149A, Annex 149B, and Annex 149C. This amendment adds Change "802.3cq-20xx" to "802.3cq-2020" also on P11 L6 physical layer specifications and management parameters for operation at 2.5 Gb/s. 5 Proposed Response Response Status W Gb/s, and 10 Gb/s over a single balanced pair of conductors." PROPOSED ACCEPT. Proposed Response Response Status W PROPOSED ACCEPT. C/ FM SC FM P1 L23 28 Marris. Arthur Cadence Design Systems Comment Type E Comment Status D EΖ 802.3cq-2020 and 802.3cm-2020 have been published SugaestedRemedy Change "802.3cq-20XX and 802.3cm-20XX" tp "802.3cq-2020 and 802.3cm-2020" throught the document Proposed Response Response Status W

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: Page, Line

PROPOSED ACCEPT.

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C/ FM SC FM P11 CI 25 SC 25.6.4.2 P37 L23 # 25 L10 # 35 Anslow, Pete Self Wienckowski, Natalie General Motors Company Comment Type Ε Comment Status D F7 Comment Type E Comment Status D F7 In ""Information technology equipment - Safety - Part 1:" the two instances of " - " (space Incomplete Editors instruciton. hyphen space) should be em dashes. SugaestedRemedy SuggestedRemedy Change " Change Table as follows:" to "Change Table as follows (unchanged rows not Change "Information technology equipment - Safety - Part 1:" to "Information technology shown): equipment<em dash>Safety<em dash>Part 1:" Proposed Response Response Status W Proposed Response Response Status W PROPOSED ACCEPT. PROPOSED ACCEPT. Cl 25 SC 25.6.4.2 P37 L15 # CI 8 SC 8.8.6.8 P26 L15 Wienckowski, Natalie General Motors Company Marris, Arthur Cadence Design Systems Comment Type E Comment Status D F7 Comment Type TR Comment Status D Need a row to show the unchanged rows. Isolation is specified in J.1 not J.2 SuggestedRemedy SuggestedRemedy Insert a row under the heading row of the table. "Stradle" the columns in the row. Add an Change J.2 to J.1 elipses (...) in the row. Proposed Response Proposed Response Response Status W Response Status W PROPOSED ACCEPT. PROPOSED ACCEPT. CI 8 SC 8.8.6.11 P**27** L8 # 26 CI 32 SC 32.6.1.1 P39 L22 # 66 Anslow. Pete Self Wienckowski. Natalie General Motors Company Comment Status D F7 Comment Type E Comment Status D Comment Type The editing instruction is specific to item 2, but the whole table is shown. typo - J.1 contains electrical isolation not safety SuggestedRemedy SuggestedRemedy Either: Change "safety information is in J.1" to "electrical isolation requirements are". Change the editing instruction to "Change the table in 8.8.6.11 as follows:" Proposed Response Response Status W Change the editing instruction to "Change Item 2 in the table in 8.8.6.11 as follows PROPOSED ACCEPT. (unchanged rows not shown):" Replace the row for Item 1 with a row containing only an ellipsis Replace the rows for Items 3 and 4 with a row containing only an ellipsis Proposed Response Response Status W

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: Page, Line

PROPOSED ACCEPT IN PRINCIPLE.

Change the editing instruction to "Change the table in 8.8.6.11 as follows:"

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IEEE P802.3cr D2.2 Maintenance #14: Isolation 2nd Working Group recirculation ballot comments

Cl 32 1 22 # 29 Cl 38 SC 38.7.1 P43 / 12 SC 32.6.1.1 P39 # 30 Marris, Arthur Cadence Design Systems Marris, Arthur Cadence Design Systems Comment Type Ε Comment Status D Comment Type ER Comment Status D Safety information is in J.2 not J.1 This subclause is about safety SuggestedRemedy SugaestedRemedy Change J.1 to J.2 Change text to "All equipment subject to this clause shall conform to the general safety requirements as specified in J.2." Proposed Response Response Status W Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. PROPOSED ACCEPT. OBE by Comment 66 Cl 38 SC 38.12.4.1 P**44** L21 # 31 Text is incorrect but the Annex section is correct as this section is about Electrical Isolation. Marris. Arthur Cadence Design Systems Comment Type E Comment Status D Proposed response for Comment 66 is: PROPOSED ACCEPT This subclause is about safety SuggestedRemedy Suggested Remedy for Comment 66 is: "Change "safety information is in J.1" to "electrical isolation requirements are"." Change feature name to "General safety" Proposed Response Response Status W C/ 38 SC 38.7.1 P43 L12 # 37 PROPOSED ACCEPT. Wienckowski, Natalie General Motors Company Comment Type E Comment Status D Cl 38 P**44** SC 38.12.4.1 L21 38 General safety requirements are in J.2, not isolation. Wienckowski. Natalie General Motors Company SuggestedRemedy Comment Type E Comment Status D Change "isolation" to "general safety" Proposed Response Response Status W SuggestedRemedy PROPOSED ACCEPT IN PRINCIPLE. Change "Electrical Isolation" to "General safety" Proposed Response Response Status W Resolved with Comment 30. PROPOSED ACCEPT. Resolution to Comment 30 is: PROPOSED ACCEPT Cl 42 SC 42.12.10 P47 L10 General Motors Company Wienckowski, Natalie Suggested Remedy from Comment 30 is: "Change text to "All equipment subject to this clause shall conform to the general safety Comment Type E Comment Status D EΖ requirements as specified in J.2."" Need a row to show the unchanged rows. SuggestedRemedy Insert a row under the last row in the table. "Stradle" the columns in the row. Add an elipses (...) in the row. Proposed Response Response Status W PROPOSED ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general Page 3 of 8

COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn Li 10 4/22/2020 9:22:34 AM

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C/ 53	SC 53.15.4.5	P 52	L14	# 40		CI 75	SC 75.8.1	P 66	L11	# 44	
		General Moto Comment Status D unchanged rows before the			EZ	Wienckowski, Natalie Comment Type E Added text is not under		General Moto Comment Status D rlined.	ors Company	<u> </u>	EZ
Inser elipse Proposed	edRemedy t a row under the hes () in the row. d Response POSED ACCEPT.	neading row of the table. "Stage of the Response Status W	radle" the colum	ns in the row. Ac	dd an	Proposed		ral safety requirements as sp Response Status W	ecified in"		
Adde Suggeste Unde Proposed	SC 58.8.1 wski, Natalie t Type E d text is not underledRemedy erline "to the general Response POSED ACCEPT.	al safety requirements as sp Response Status W		# 41	EZ	Comment Added Suggested Under	d text is not unde dRemedy	ral safety requirements as sp Response Status W		# <u>45</u>	EZ
Adde Suggeste Unde Proposed	SC 59.8.1 wski, Natalie t Type E d text is not underledRemedy erline "to the general Response POSED ACCEPT.	al safety requirements as sp Response Status W		# 42	EZ	Comment An un Suggeste Delete Proposed	changed row is s	General Moto Comment Status D shown. Response Status W	L19 ors Company	# 4 <u>6</u>	EZ
Adde Suggeste Unde Proposed	SC 60.10.1 wski, Natalie t Type E d text is not underled edRemedy erline "to the general d Response POSED ACCEPT.	P59 General Moto Comment Status D lined. al safety requirements as sp Response Status W	, ,	# 43	EZ	Comment Added Suggested Under	d text is not unde dRemedy	ral safety requirements as sp Response Status W		# <u>4</u> 7	EZ

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: Page, Line

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CI 87	SC 87.9.1	P 72	<i>L</i> 11	# 48		Cl 96	SC 96.11.4.9	P 85	L10	# <u>52</u>	
Wienckowski, Natalie		General Motors Company		-	-	Wienckowski, Natalie		General Motor	General Motors Company		
Comment Type E Comment Status D				EZ	Commen	<i>Type</i> E	Comment Status D			EZ	
	d text is not under	rlined.					rect Editor's instru to be renumbered	ction. The PICS Item is now l.	being deleted s	o the remaining it	ems
Suggeste	-		:::!			Sugaeste	dRemedy				
	_	al safety requirements as sp	ecinea in				•	truction to: Delete row for ES	S1 (renumber su	ubsequent rows	
Proposed Response Response Status W					appropriately) as follows (unchanged rows not shown):						
PROF	POSED ACCEPT.	•			Proposed Response Response Status W						
Cl 88	SC 88.9.1	P 74	L11	# 49		PRO	POSED ACCEPT.				
	vski, Natalie	General Moto	ors Company			C/ 97	SC 97.11.13	P 87	L 7	# 53	
Comment Type E Comment Status D					EZ	Wienckov	vski, Natalie	General Motor	rs Company		
Adde	Added text is not underlined.					Comment Type E Comment Status D					EZ
Suggeste	•					Need	s to also include t	he instruction to renumber.			
Unde	rline "to the gener	al safety requirements as sp	ecified in"			Suggeste	dRemedy				
•	Response	Response Status W						truction to: Delete row for ES		absequent rows	
PROF	POSED ACCEPT.						. ,,	s (unchanged rows not show	n):		
CI 89	SC 89.8.1	P 76	L11	# 50		•	<i>l Response</i> POSED ACCEPT.	Response Status W			
Wienckov	vski, Natalie	General Moto	ors Company								
Comment	Type E	Comment Status D			EZ	C/ 100	SC 100.5.1	P 88	L11	# 54	
Added text is not underlined.		lined.					vski, Natalie	General Motor	rs Company		
SuggestedRemedy					Commen	,,	Comment Status D			EZ	
Unde	rline "to the gener	al safety requirements as sp	ecified in"			Adde	d text is not under	lined.			
Proposed Response Response Status W PROPOSED ACCEPT.					SuggestedRemedy						
					Unde	rline "to the gener	safety requirements as specified in"				
C/ 95	SC 95.9.1	P 82		# 51		Proposed	l Response	Response Status W			
				# DI		PRO	POSED ACCEPT.				
	vski, Natalie	General Moto	ors Company								
	Type E	Comment Status D			EZ						
Adde	d text is not under	iinea.									

SuggestedRemedy

Proposed Response

PROPOSED ACCEPT.

Underline "to the general safety requirements as specified in"

Response Status W

C/ 104 SC 104.8.1 P90 L9 # 27 C/ 112 P**92** L11 # 57 SC 112.8.1 Anslow, Pete Self Wienckowski, Natalie General Motors Company Comment Type E Comment Status D F7 Comment Type E Comment Status D F7 The deleted text in this paragraph is not shown. Added text is not underlined. SuggestedRemedy SugaestedRemedy Show the deleted text in strikethrough font. Underline "to the general safety requirements as specified in" Proposed Response Proposed Response Response Status W Response Status W PROPOSED ACCEPT IN PRINCIPLE. PROPOSED ACCEPT. Add strikethrough text "IEC 60950-1" after "J.2" in the first sentence. C/ 112 SC 112.8.1 P94 L31 Wienckowski, Natalie General Motors Company Add strikethrough text "IEC 60950-1" after "2018" in the second sentence. Comment Type E Comment Status D F7 C/ 104 SC 104.8.1 P**90** L10 # Added text is not underlined. General Motors Company Wienckowski, Natalie SuggestedRemedy F7 Comment Type E Comment Status D Underline "to the general safety requirements as specified in" Deleted text is not shown in strikethrough. Proposed Response Response Status W SuggestedRemedy PROPOSED ACCEPT. Before J.2, add this text in strikethrough "IEC 60950-1". Add this same text in strikethrough before Annex Q. C/ 126 P98 SC 126.9.1 L31 Proposed Response Response Status W Wienckowski, Natalie General Motors Company PROPOSED ACCEPT. Comment Status D EΖ Comment Type E Added text is not underlined. C/ 104 P91 L19 # 56 SC 104.9.4.8 SuggestedRemedy Wienckowski, Natalie General Motors Company Underline "to the general safety requirements as specified in" Comment Type E Comment Status D F7 Proposed Response Response Status W Deleted text is not shown in strikethrough. PROPOSED ACCEPT. SuggestedRemedy Before Annex Q, add this text in strikethrough "IEC 60950-1". C/ 128 SC 128 P100 **L1** Proposed Response Response Status W Wienckowski, Natalie **General Motors Company** PROPOSED ACCEPT. Comment Type E Comment Status D F7 Needs a note to say how Clause 128 was added as it is not part of IEEE Std 802.3-2018. SuggestedRemedy Add before the start of the Clause "Clause 128 was added by IEEE Std 802.3cb-2018" Proposed Response Response Status W PROPOSED ACCEPT.

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: Page, Line

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Page 6 of 8 4/22/2020 9:22:34 AM C/ 128 SC 128.9.1 P100 # 60 C/ 145 P114 L7 L11 SC 145.6.1 # 62 Wienckowski, Natalie General Motors Company Wienckowski, Natalie General Motors Company Comment Type E Comment Status D F7 Comment Type E Comment Status D F7 Added text is not underlined. Removed text is not shown in strikethrough. SuggestedRemedy SugaestedRemedy Before (or after) J.2 add in strikethrough "IEC 60950-1 or IEC 62368-1". Underline "to the general safety requirements as specified in" Before Annex Q add in strikethrough "IEC 60950-1 or". Proposed Response Response Status W Proposed Response Response Status W PROPOSED ACCEPT. PROPOSED ACCEPT. C/ 130 SC 130 P**102** L1 # 63 P117 C/ 146 SC 146.11.4.6 L16 # Wienckowski, Natalie General Motors Company Marris. Arthur Cadence Design Systems Comment Type E Comment Status D F7 Comment Type E Comment Status D Needs a note to say how Clause 130 was added as it is not part of IEEE Std 802.3-2018. Change feature name to "General safety" make comment "Conforms to J.2" SuggestedRemedy SuggestedRemedy Add before the start of the Clause "Clause 130 was added by IEEE Std 802.3cb-2018" Change feature name to "General safety" make comment "Conforms to J.2" Proposed Response Response Status W Proposed Response Response Status W PROPOSED ACCEPT. PROPOSED ACCEPT. P102 C/ 130 SC 130.9.1 L12 C/ 150 SC 150 **L1** P119 Wienckowski. Natalie General Motors Company Anslow, Pete Self Comment Status D F7 Comment Type E Comment Type E Comment Status D F7 Added text is not underlined and removed text is not shown in strikethrough. "P802.3cm" should be "IEEE Std 802.3cm-2020" SuggestedRemedy SuggestedRemedy Underline "the general safety requirements in" Change "P802.3cm" to "IEEE Std 802.3cm-2020" Also, after J.2 and before IEC, add the following text in strikethrough "applicable sections (including Proposed Response Response Status W isolation requirements) of" PROPOSED ACCEPT. Proposed Response Response Status W

PROPOSED ACCEPT.

Cl J	SC J.3	P 122	L1	#	23					
Anslow, Pete Self Comment Type E Comment Status D The PICS proforma in J.3 is not formatted correctly.										
Change the title of J.3 to "Protocol implementation conformance statement (PICS) proforma for Annex J, Electrical isolation and general safety" Apply the following footnote to the end of this title: "Copyright release for PICS proformas: Users of this standard may freely reproduce the PICS proforma in this subclause so that it can be used for its intended purpose and may further publish the completed PICS." Insert before the existing J.3.1 sections for: J.3.1 Introduction J.3.2 Identification J.3.2.2 Protocol summary as per the PICS in the 802.3 FrameMaker template										
Proposed F	Response DSED ACCEPT.	Response Status W	1							
C/ 86A	SC 86A.7.1	P 127	L17	#	65					
Wienckowski, Natalie General Motors Company										
Comment 7 Added	Гуре E text is not under	Comment Status D lined.			E					
SuggestedRemedy Underline "to the general safety requirements as specified"										
Proposed F	Response	Response Status W	1							

PROPOSED ACCEPT.