C/ 00         SC 0         P         L         # 144           Chalupsky, David         Intel Corp.         Intel Corp.         Intel Corp.	C/ 00         SC 0         P 0         L 0         # 162           Zimmerman, George         CME Consulting Inc
Comment Type T Comment Status D No Clause 81.	Comment Type ER Comment Status D Roll in Clause renumbering, changing Clause 98 to Clause 105 as per chief editor
SuggestedRemedy Add Clause 81. Add 40GBASE-T to diagram in 81.1.	SuggestedRemedy Editor to change all references of clause 98 to clause 105
Proposed Response Response Status W PROPOSED ACCEPT.	Proposed Response Response Status W PROPOSED ACCEPT.
C/ 00         SC 0         P         L         # 143           Chalupsky, David         Intel Corp.         Intel Corp.         Intel Corp.	CI 28BSC 0P 24L 1# 161Zimmerman, GeorgeCME Consulting Inc
Comment Type T Comment Status D	Comment Type ER Comment Status D
There is no Clause 80 in this draft. Clause 80 should contain references to 40GBASE-T SuggestedRemedy	Changes to include 40GBASE-T in clause 28 Annexes B,C,and D and reflect name change Technology message code are not made as agreed on Draft 1.0
Add Clause 80 with appropriate content for 40GBASE-T	SuggestedRemedy
Proposed Response Response Status W	Implement comments 61, 62, and 63 making changes to clauses 28B, 28C and 28D from d 1.0 comment resolution
PROPOSED ACCEPT.	Proposed Response Response Status W
C/ 00 SC 0 P 0 L 0 # 159 McClellan, Brett Marvell	PROPOSED ACCEPT IN PRINCIPLE. Implement with comment 159
Comment Type ER Comment Status D	C/ 55 SC 55.6.2 P 51 L 13 # 158
	McClellan, Brett Marvell
A couple of comments approved in draft 1.0 don't appear to have been implemented and I did not see an editor's comment as a placeholder. Comment #61 did not get implemented	McClellan, Brett     Marvell       Comment Type     E     Comment Status     D
A couple of comments approved in draft 1.0 don't appear to have been implemented and I did not see an editor's comment as a placeholder. Comment #61 did not get implemented Add edit to normative Annex 28B, clause 28B.3 to insert 40GBASE-T above 10GBASE-T on	
A couple of comments approved in draft 1.0 don't appear to have been implemented and I did not see an editor's comment as a placeholder. Comment #61 did not get implemented Add edit to normative Annex 28B, clause 28B.3 to insert 40GBASE-T above 10GBASE-T on the priority resolution list and renumber list accordingly	Comment Type E Comment Status D
A couple of comments approved in draft 1.0 don't appear to have been implemented and I did not see an editor's comment as a placeholder. Comment #61 did not get implemented Add edit to normative Annex 28B, clause 28B.3 to insert 40GBASE-T above 10GBASE-T on the priority resolution list and renumber list accordingly comment #63 was not implemented	Comment Type E Comment Status D typo, xBASE-T should be xGBASE-T
A couple of comments approved in draft 1.0 don't appear to have been implemented and I did not see an editor's comment as a placeholder. Comment #61 did not get implemented Add edit to normative Annex 28B, clause 28B.3 to insert 40GBASE-T above 10GBASE-T on the priority resolution list and renumber list accordingly	Comment Type E Comment Status D typo, xBASE-T should be xGBASE-T SuggestedRemedy
A couple of comments approved in draft 1.0 don't appear to have been implemented and I did not see an editor's comment as a placeholder. Comment #61 did not get implemented Add edit to normative Annex 28B, clause 28B.3 to insert 40GBASE-T above 10GBASE-T on the priority resolution list and renumber list accordingly comment #63 was not implemented Insert as section 28D.8, with same text as 28D.6 and change references to reflect 40GBASE-T and Clause 98, including variable 40GigT comment 80 was not implemented	Comment Type E Comment Status D typo, xBASE-T should be xGBASE-T SuggestedRemedy change xBASE-T to xGBASE-T
A couple of comments approved in draft 1.0 don't appear to have been implemented and I did not see an editor's comment as a placeholder. Comment #61 did not get implemented Add edit to normative Annex 28B, clause 28B.3 to insert 40GBASE-T above 10GBASE-T on the priority resolution list and renumber list accordingly comment #63 was not implemented Insert as section 28D.8, with same text as 28D.6 and change references to reflect 40GBASE-T and Clause 98, including variable 40GigT	Comment Type       E       Comment Status       D         typo, xBASE-T should be xGBASE-T       SuggestedRemedy       France       Change xBASE-T         Proposed Response       Response Status       W
A couple of comments approved in draft 1.0 don't appear to have been implemented and I did not see an editor's comment as a placeholder. Comment #61 did not get implemented Add edit to normative Annex 28B, clause 28B.3 to insert 40GBASE-T above 10GBASE-T on the priority resolution list and renumber list accordingly comment #63 was not implemented Insert as section 28D.8, with same text as 28D.6 and change references to reflect 40GBASE-T and Clause 98, including variable 40GigT comment 80 was not implemented Add Link Interruption Ordered_set to XLGMII in Clause 81 similar to 46.3.4 and change reference	Comment Type       E       Comment Status       D         typo, xBASE-T should be xGBASE-T       SuggestedRemedy       France       Change xBASE-T         Proposed Response       Response Status       W
A couple of comments approved in draft 1.0 don't appear to have been implemented and I did not see an editor's comment as a placeholder. Comment #61 did not get implemented Add edit to normative Annex 28B, clause 28B.3 to insert 40GBASE-T above 10GBASE-T on the priority resolution list and renumber list accordingly comment #63 was not implemented Insert as section 28D.8, with same text as 28D.6 and change references to reflect 40GBASE-T and Clause 98, including variable 40GigT comment 80 was not implemented Add Link Interruption Ordered_set to XLGMII in Clause 81 similar to 46.3.4 and change reference	Comment Type       E       Comment Status       D         typo, xBASE-T should be xGBASE-T       SuggestedRemedy       France       Change xBASE-T         Proposed Response       Response Status       W
A couple of comments approved in draft 1.0 don't appear to have been implemented and I did not see an editor's comment as a placeholder. Comment #61 did not get implemented Add edit to normative Annex 28B, clause 28B.3 to insert 40GBASE-T above 10GBASE-T on the priority resolution list and renumber list accordingly comment #63 was not implemented Insert as section 28D.8, with same text as 28D.6 and change references to reflect 40GBASE-T and Clause 98, including variable 40GigT comment 80 was not implemented Add Link Interruption Ordered_set to XLGMII in Clause 81 similar to 46.3.4 and change reference SuggestedRemedy	Comment Type       E       Comment Status       D         typo, xBASE-T should be xGBASE-T       SuggestedRemedy       France       Change xBASE-T         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 Z/withdrawn SORT ORDER: Clause, Subclause, page, line

C/ 55 SC 55.6.2

	# 156	C/ 98 SC 98.12.3 P 174 L 22 # 171
Feyh, German Broadcom		Zimmerman, George CME Consulting Inc
Comment Type <b>T</b> Comment Status <b>D</b> Periodically resetting the training sequence is not used by current PHYs.		Comment Type <b>TR</b> Comment Status <b>D</b> CRC8 functionality has been deleted and replaced by RS-FEC coding.
the resetting of the training sequence earlier in the start-up sequences musable.	akes the mode more	SuggestedRemedy Delete PIC PCT10 for CRC8, and insert PICS for RS-FEC as appropriate
SuggestedRemedy IN PMA_PBO_Exch, when the receiver detects a valid requested transm (Oct7 Valid<7>), then the receiver stops reinitializing the values of its scr		Proposed Response Response Status W PROPOSED ACCEPT.
Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Presenter to provide specific tex	t change for the draft.	C/         98         SC         98.2         P 65         L 28         # 146           Chalupsky, David         Intel Corp.         Intel Corp.         Intel Corp.         Intel Corp.
C/         98         SC         98.1.5         P 65         L 3           Chalupsky, David         Intel Corp.	# 145	Comment Type T Comment Status D incorrect reference for XLGMII
Comment Type         T         Comment Status         D           XLGMII is a logical interface.         there is no physical / electrical spec.		SuggestedRemedy replace "Clause 46" with "Clause 81"
SuggestedRemedy replace 98.1.5 with: All 40GBASE-T PHY implementations are compatible at the MDI and at	a logical. XI GMIL if	Proposed Response Response Status W PROPOSED ACCEPT.
implemented. Implementation of the XLGMII is optional. Designers are f circuitry within the PCS and PMA in an application-dependent manner pr and XLGMII	ree to implement	C/         98         SC         98.3.2.2.14         P         L         # 147           Chalupsky, David         Intel Corp.         Intel Corp.         Intel Corp.         Intel Corp.
(if the XLGMII is implemented) specifications are met. System operation of signals at the MDI and management objects are identical whether the XLGMII is im		Comment Type T Comment Status D legacy reference to XGSX
Proposed Response Response Status W PROPOSED ACCEPT.		SuggestedRemedy Either delete "the XGSX and"
Cl 98         SC 98.12.2         P 173         L 38           Zimmerman, George         CME Consulting Inc	# 170	or replace "XGSX" with "XLAUI"
Comment Type TR Comment Status D Change support of loop timing to Mandatory. SuggestedRemedy		Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Delete "XGXS and", so that the sentence now reads "The /E/ allows physical sublayers such the PCS to propagate received errors."
Change support of loop timing to Mandatory. <i>Proposed Response Response Status</i> <b>W</b> PROPOSED ACCEPT.		

C/ 98 SC 98.3.2.2.14 Page 2 of 6 1/5/2015 10:01:46 AM

C/ 98 SC 98.3.2.2.18 P 87 L 23 # 150	C/ 98 SC 98.3.2.2.20 P 87 L 45 # 149
Chalupsky, David Intel Corp.	Chalupsky, David Intel Corp.
Comment Type T Comment Status D	Comment Type T Comment Status D
Figure 98-11, PCS Scrambler, is misplaced. the figure currently sits in the RS-FEC sublause, 98.3.2.2.20.	RS-FEC description could be more informative by indicating what the (n,k) values are.
SuggestedRemedy	SuggestedRemedy Replace
Move figure 98-11 from 98.3.2.2.20 to 98.3.2.2.18.	"For the purposes of this clause, the particular Reed-Solomon code is denoted RS-FEC(n,k)." with
Proposed Response Response Status W PROPOSED ACCEPT.	"For the purposes of this clause, the particular Reed-Solomon code in the form RS-FEC(n,k) is denoted RS-FEC(140,136)."
C/ 98 SC 98.3.2.2.20 P 87 L 42 # 157 Langner, Paul Aquantia	Proposed Response Response Status W PROPOSED ACCEPT.
Comment Type T Comment Status D	C/ 98 SC 98.3.2.2.6 P 82 L 1 # 169
Current RS-FEC implmentation has correction capability of 2x 11-bit symbols. A more	Zimmerman, George CME Consulting Inc
appropriate solution would be to correct 3x 8-bit symbols.	Comment Type TR Comment Status D
uggestedRemedy	Figure 0.9 O should control code elignments for a 22 bit wide MIL such as XCMIL 40CDASE
A presentation will be provided for the January meeting	will use the XLGMII which is 64-bits wide, eliminating many of these possibilities, and is show
Proposed Response Response Status W	
	will use the XLGMII which is 64-bits wide, eliminating many of these possibilities, and is show in Figure 82-5. The invalid block formats (with a start (S) or ordered set (O) character at
Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. See presentation for detail.	position 4 are not allowed in the 64 bit format and should be eliminated.
Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. See presentation for detail. Cl 98 SC 98.3.2.2.20 P 87 L 43 # 148	will use the XLGMII which is 64-bits wide, eliminating many of these possibilities, and is show in Figure 82-5. The invalid block formats (with a start (S) or ordered set (O) character at position 4 are not allowed in the 64 bit format and should be eliminated. SuggestedRemedy
Proposed Response       Response Status       W         PROPOSED ACCEPT IN PRINCIPLE. See presentation for detail.         C/ 98       SC 98.3.2.2.20       P 87       L 43       # 148         Chalupsky, David       Intel Corp.	<ul> <li>will use the XLGMII which is 64-bits wide, eliminating many of these possibilities, and is show in Figure 82-5. The invalid block formats (with a start (S) or ordered set (O) character at position 4 are not allowed in the 64 bit format and should be eliminated.</li> <li>SuggestedRemedy</li> <li>Align Figure 98-9 with 64 bit format as in Figure 82-5.</li> </ul>
Proposed Response       Response Status       W         PROPOSED ACCEPT IN PRINCIPLE. See presentation for detail.         Ø 98       SC 98.3.2.2.20       P 87       L 43       # 148         chalupsky, David       Intel Corp.         comment Type       E       Comment Status       D         typo in the sentence "The encoder process k message symbols to generate 2t parity symbols,	<ul> <li>will use the XLGMII which is 64-bits wide, eliminating many of these possibilities, and is show in Figure 82-5. The invalid block formats (with a start (S) or ordered set (O) character at position 4 are not allowed in the 64 bit format and should be eliminated.</li> <li>SuggestedRemedy         <ul> <li>Align Figure 98-9 with 64 bit format as in Figure 82-5.</li> </ul> </li> <li>Proposed Response Response Status W         <ul> <li>PROPOSED ACCEPT.</li> </ul> </li> </ul>
Proposed Response       Response Status       W         PROPOSED ACCEPT IN PRINCIPLE. See presentation for detail.         2/ 98       SC 98.3.2.2.20       P 87       L 43       # 148         chalupsky, David       Intel Corp.         comment Type       E       Comment Status       D         typo in the sentence "The encoder process k message symbols to generate 2t parity symbols, which are then appended to the message to produce a codeword of n=k+2t symbols."	<ul> <li>will use the XLGMII which is 64-bits wide, eliminating many of these possibilities, and is show in Figure 82-5. The invalid block formats (with a start (S) or ordered set (O) character at position 4 are not allowed in the 64 bit format and should be eliminated.</li> <li>SuggestedRemedy <ul> <li>Align Figure 98-9 with 64 bit format as in Figure 82-5.</li> </ul> </li> <li>Proposed Response Response Status W <ul> <li>PROPOSED ACCEPT.</li> </ul> </li> <li>C/ 98 SC 98.4.6.4 P 137 L 31 # 152</li> </ul>
Proposed Response       Response Status       W         PROPOSED ACCEPT IN PRINCIPLE. See presentation for detail.         Cl 98       SC 98.3.2.2.20       P 87       L 43       # 148         Chalupsky, David       Intel Corp.         Comment Type       E       Comment Status       D         typo in the sentence "The encoder process k message symbols to generate 2t parity symbols, which are then appended to the message to produce a codeword of n=k+2t symbols."         SuggestedRemedy	<ul> <li>will use the XLGMII which is 64-bits wide, eliminating many of these possibilities, and is show in Figure 82-5. The invalid block formats (with a start (S) or ordered set (O) character at position 4 are not allowed in the 64 bit format and should be eliminated.</li> <li>SuggestedRemedy <ul> <li>Align Figure 98-9 with 64 bit format as in Figure 82-5.</li> </ul> </li> <li>Proposed Response Response Status W <ul> <li>PROPOSED ACCEPT.</li> </ul> </li> <li>C/ 98 SC 98.4.6.4 P 137 L 31 # 152</li> <li>Cibula, Peter Intel Corporation</li> </ul>
Proposed Response       Response Status       W         PROPOSED ACCEPT IN PRINCIPLE. See presentation for detail.         2/ 98       SC 98.3.2.2.20       P 87       L 43       # 148         Schalupsky, David       Intel Corp.         Comment Type       E       Comment Status       D         typo in the sentence "The encoder process k message symbols to generate 2t parity symbols, which are then appended to the message to produce a codeword of n=k+2t symbols."         SuggestedRemedy       replace "process" with "processes"	<ul> <li>will use the XLGMII which is 64-bits wide, eliminating many of these possibilities, and is show in Figure 82-5. The invalid block formats (with a start (S) or ordered set (O) character at position 4 are not allowed in the 64 bit format and should be eliminated.</li> <li>SuggestedRemedy         <ul> <li>Align Figure 98-9 with 64 bit format as in Figure 82-5.</li> <li>Proposed Response Response Status W</li> <li>PROPOSED ACCEPT.</li> </ul> </li> <li>Cl 98 SC 98.4.6.4 P 137 L 31 # 152</li> <li>Cibula, Peter Intel Corporation</li> <li>Comment Type E Comment Status D</li> </ul>
Proposed Response       Response Status       W         PROPOSED ACCEPT IN PRINCIPLE. See presentation for detail.         2/ 98       SC 98.3.2.2.20       P 87       L 43       # 148         Schalupsky, David       Intel Corp.         Comment Type       E       Comment Status       D         typo in the sentence "The encoder process k message symbols to generate 2t parity symbols, which are then appended to the message to produce a codeword of n=k+2t symbols."         SuggestedRemedy       replace "process" with "processes"	<ul> <li>will use the XLGMII which is 64-bits wide, eliminating many of these possibilities, and is show in Figure 82-5. The invalid block formats (with a start (S) or ordered set (O) character at position 4 are not allowed in the 64 bit format and should be eliminated.</li> <li>SuggestedRemedy         <ul> <li>Align Figure 98-9 with 64 bit format as in Figure 82-5.</li> <li>Proposed Response Response Status W</li> <li>PROPOSED ACCEPT.</li> </ul> </li> <li>Cl 98 SC 98.4.6.4 P 137 L 31 # 152</li> <li>Cibula, Peter Intel Corporation</li> </ul>
roposed Response       Response Status       W         PROPOSED ACCEPT IN PRINCIPLE. See presentation for detail.         # 98       SC 98.3.2.2.20       P 87       L 43       # 148         halupsky, David       Intel Corp.         comment Type       E       Comment Status       D         typo in the sentence "The encoder process k message symbols to generate 2t parity symbols, which are then appended to the message to produce a codeword of n=k+2t symbols. "         uggestedRemedy       replace "process" with "processes"         troposed Response       Response Status       W	<ul> <li>will use the XLGMII which is 64-bits wide, eliminating many of these possibilities, and is show in Figure 82-5. The invalid block formats (with a start (S) or ordered set (O) character at position 4 are not allowed in the 64 bit format and should be eliminated.</li> <li>SuggestedRemedy <ul> <li>Align Figure 98-9 with 64 bit format as in Figure 82-5.</li> </ul> </li> <li>Proposed Response Response Status W <ul> <li>PROPOSED ACCEPT.</li> </ul> </li> <li>Cl 98 SC 98.4.6.4 P 137 L 31 # 152</li> <li>Cibula, Peter Intel Corporation</li> <li>Comment Type E Comment Status D <ul> <li>Subclause 98.4.6.4 EEE Refresh monitor state diagram is missing the associated figure. The corresponding state diagram, Figure 98-33 - EEE Refresh monitor state diagram, is incorrect</li> </ul> </li> </ul>
Proposed Response       Response Status       W         PROPOSED ACCEPT IN PRINCIPLE. See presentation for detail.         C/ 98       SC 98.3.2.2.20       P 87       L 43       # 148         Chalupsky, David       Intel Corp.         Comment Type       E       Comment Status       D         typo in the sentence "The encoder process k message symbols to generate 2t parity symbols, which are then appended to the message to produce a codeword of n=k+2t symbols."         SuggestedRemedy       replace "process" with "processes"         Proposed Response       Response Status       W	<ul> <li>will use the XLGMII which is 64-bits wide, eliminating many of these possibilities, and is show in Figure 82-5. The invalid block formats (with a start (S) or ordered set (O) character at position 4 are not allowed in the 64 bit format and should be eliminated.</li> <li>SuggestedRemedy <ul> <li>Align Figure 98-9 with 64 bit format as in Figure 82-5.</li> </ul> </li> <li>Proposed Response Response Status W <ul> <li>PROPOSED ACCEPT.</li> </ul> </li> <li>CI 98 SC 98.4.6.4 P 137 L 31 # 152</li> <li>Cibula, Peter Intel Corporation</li> <li>Comment Type E Comment Status D <ul> <li>Subclause 98.4.6.4 EEE Refresh monitor state diagram is missing the associated figure. The corresponding state diagram, Figure 98-33 - EEE Refresh monitor state diagram, is incorrectly located in the middle of Subclause 98.5.1 Isolation Requirement (Page 137, Line 44).</li> </ul> </li> </ul>
Proposed Response       Response Status       W         PROPOSED ACCEPT IN PRINCIPLE. See presentation for detail.         Cl 98       SC 98.3.2.2.20       P 87       L 43       # 148         Chalupsky, David       Intel Corp.         Comment Type       E       Comment Status       D         typo in the sentence "The encoder process k message symbols to generate 2t parity symbols, which are then appended to the message to produce a codeword of n=k+2t symbols."         SuggestedRemedy       replace "process" with "processes"         Proposed Response       Response Status       W	<ul> <li>will use the XLGMII which is 64-bits wide, eliminating many of these possibilities, and is show in Figure 82-5. The invalid block formats (with a start (S) or ordered set (O) character at position 4 are not allowed in the 64 bit format and should be eliminated.</li> <li>SuggestedRemedy <ul> <li>Align Figure 98-9 with 64 bit format as in Figure 82-5.</li> </ul> </li> <li>Proposed Response Response Status W <ul> <li>PROPOSED ACCEPT.</li> </ul> </li> <li>Cl 98 SC 98.4.6.4 P 137 L 31 # 152</li> <li>Cibula, Peter Intel Corporation</li> <li>Comment Type E Comment Status D <ul> <li>Subclause 98.4.6.4 EEE Refresh monitor state diagram is missing the associated figure. The corresponding state diagram, Figure 98-33 - EEE Refresh monitor state diagram, is incorrectl located in the middle of Subclause 98.5.1 Isolation Requirement (Page 137, Line 44).</li> <li>SuggestedRemedy</li> </ul> </li> </ul>

C/ 98 SC 98.4.6.4

7/98 SC 98.4.6.5 P 138 L 36 #	151 C/ 98	SC 98.5.4.	5.1	P 146	L 20	# 163
ibula, Peter Intel Corporation	Zimmerm	an, George		CME Consultir	ng Inc	
comment Type E Comment Status D	Comment	Type ER	Com	ment Status D		
Subclause 98.4.6.5 Fast retrain state diagram is missing the associated figure. Th corresponding state diagram, Figure 98-34 - Fast retrain control state diagram, is in		style guidelines to 6 levels	allow no mo	ore than 5 levels of nu	umbering, organi	zation of this subclaus
located in the middle of Subclause 98.5.2 Test Modes (Page 138, Line 34).	Suggeste	dRemedy				
uggestedRemedy				each test channel to		
Appears to be a formatting issue. Move Figure 98-34 to Subclause 98.4.6.5.				t attach channel para	meters to a new	normative annex and
Proposed Response Response Status W		encing it on line		0444		
PROPOSED ACCEPT.	1	Response	,	onse Status W		
7/98 SC 98.5.2 P 139 L 42 # P		POSED ACCER panize this subc		IPLE.	numbering, Rath	ner than duplicate.
ibula, Peter Intel Corporation	provid	le references for	or definitiona	al subclauses already	specified in 98.7	7 such as 98.7.2.4.3
Comment Type T Comment Status D				ar-end crosstalk i.e., ro SNEXT) loss] with re		1.7 Multiple disturber
Table 98–13 — MDIO management register settings for test modes identifies Test	t mode 4 as			, -	-	
being used for a transmit distortion test. The subsequent description of Test mode	le 4 (Page C/ 98	SC 98.5.4.	5.1	P 146	L 23	# 168
140, Line 13) identifies Test mode 4 as being used for transmitter linearity testing.		an, George		CME Consultir	ng Inc	
mode description in the table should be aligned with the description in the body of t	the Comment	Туре Т	Com	ment Status D		
subclause. (Note: The text appears to be directly carried over from Clause 40, Ta	able 40-7.) Comment	ove TBD next to			inel is currently s	5 meters in Cat 8 draft
subclause. (Note: The text appears to be directly carried over from Clause 40, Ta	able 40-7.) Remo out fo	ove TBD next to r ballot.			inel is currently t	5 meters in Cat 8 draft
subclause. (Note: The text appears to be directly carried over from Clause 40, Ta uggestedRemedy Change the text in Table 98-13 for Test mode 4 from "Test mode 4 - Transmit dist	able 40-7.) Remo out fo tortion test." Suggeste	ove TBD next to r ballot. dRemedy	5 meters. T	FIA direct attach chan	inel is currently t	5 meters in Cat 8 draft
subclause. (Note: The text appears to be directly carried over from Clause 40, Ta suggestedRemedy Change the text in Table 98-13 for Test mode 4 from "Test mode 4 - Transmit dist to "Test mode 4 - Transmit linearity test."	able 40-7.) Remo out fo tortion test." Suggeste	ove TBD next to r ballot.	5 meters. T	FIA direct attach chan	nel is currently s	5 meters in Cat 8 draft
subclause. (Note: The text appears to be directly carried over from Clause 40, Ta <i>suggestedRemedy</i> Change the text in Table 98-13 for Test mode 4 from "Test mode 4 - Transmit distr to "Test mode 4 - Transmit linearity test." Proposed Response Response Status W	able 40-7.) Rema out fo tortion test." Suggeste Rema	ove TBD next to r ballot. dRemedy	5 meters. 1 5 meter leng	FIA direct attach chan	nel is currently t	5 meters in Cat 8 draft
subclause. (Note: The text appears to be directly carried over from Clause 40, Ta suggestedRemedy Change the text in Table 98-13 for Test mode 4 from "Test mode 4 - Transmit distr to "Test mode 4 - Transmit linearity test." Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Change references to "transmitter linearity "transmitter nonlinear distortion" - it is the more general term for what is measured.	able 40-7.) Rema out for tortion test." Suggeste Rema ty" to read Proposed I. Request PRO	ove TBD next to r ballot. <i>dRemedy</i> ove (TBD) from	5 meters. 1 5 meter leng <i>Respo</i>	ΓΙΑ direct attach chan gth.	nel is currently s	5 meters in Cat 8 draft
subclause. (Note: The text appears to be directly carried over from Clause 40, Ta suggestedRemedy Change the text in Table 98-13 for Test mode 4 from "Test mode 4 - Transmit distr to "Test mode 4 - Transmit linearity test." Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Change references to "transmitter linearity	able 40-7.) Remu out for tortion test." Suggeste Remu ty" to read Proposed I. Request PRO nomenclature.	ve TBD next to r ballot. <i>dRemedy</i> ve (TBD) from <i>Response</i> POSED ACCEF	5 meters. 1 5 meter leng <i>Respo</i> PT.	ΓΙΑ direct attach chan gth. onse Status <b>W</b>		
subclause. (Note: The text appears to be directly carried over from Clause 40, Ta uggestedRemedy Change the text in Table 98-13 for Test mode 4 from "Test mode 4 - Transmit dista to "Test mode 4 - Transmit linearity test." roposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Change references to "transmitter linearity "transmitter nonlinear distortion" - it is the more general term for what is measured. commenter to submit a maintenace request on Clause 55 which follows the same r	able 40-7.) Rema out for tortion test." Suggeste Rema ty" to read I. Request nomenclature. C/ 98	ve TBD next to r ballot. dRemedy ove (TBD) from Response POSED ACCEF SC <b>98.5.4.</b>	5 meters. 1 5 meter leng <i>Respo</i> PT.	TIA direct attach chan onse Status W P <b>150</b>	unel is currently s	5 meters in Cat 8 draft # [ <u>131</u>
subclause. (Note: The text appears to be directly carried over from Clause 40, TaggestedRemedy         uggestedRemedy         Change the text in Table 98-13 for Test mode 4 from "Test mode 4 - Transmit distribution "Test mode 4 - Transmit linearity test."         roposed Response       Response Status         PROPOSED ACCEPT IN PRINCIPLE. Change references to "transmitter linearity"         "transmitter nonlinear distortion" - it is the more general term for what is measured.         commenter to submit a maintenace request on Clause 55 which follows the same references         98       SC 98.5.4.3         P 145       L 10	able 40-7.) tortion test." tortion test." ty" to read I. Request nomenclature. 160 C/ 98 Shariff, M	ve TBD next to r ballot. dRemedy ve (TBD) from Response POSED ACCEF SC <b>98.5.4.</b> asood	5 meters. 1 5 meter leng <i>Respo</i> 2T. 5.1.10	TIA direct attach chan gth. <i>onse Status</i> <b>W</b> <i>P</i> <b>150</b> CommScope		
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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 Z/withdrawn SORT ORDER: Clause, Subclause, page, line

Cl	98	
SC	98.5.4.5.1.10	

Page 4 of 6 1/5/2015 10:01:46 AM

Cl 98 SC 98.5.4. Shariff, Masood	5.1.2	P 146 CommScope	L 36	# 134	C/ <b>98</b> Shariff, Mas	SC 98.5.4.5.1 sood	.4	P <b>147</b> CommScope	L <b>21</b>	# 130
Comment Type <b>T</b> Equation 98-13 is no		ent Status D			Comment 7 Typo	Туре Е	Comment	Status D		
SuggestedRemedy Change the x after B ILD is an additional t		the contribution of I	L by two connec	ctors		e \ at the beginning	0			
Proposed Response PROPOSED ACCEI	Respon	se Status W			Proposed F PROP	Response OSED ACCEPT.		Status W		
<i>Cl</i> 98 <i>SC</i> 98.5.4. Zimmerman, George	5.1.2	P 146 CME Consultin	L <b>47</b> ng Inc	# 164	C/ <b>98</b> Zimmermar Comment 7	U U	Comment	P 156 CME Consultir Status D	L <b>35</b> ng Inc	# 166
Comment Type ER Equation 98-4 equati read SuggestedRemedy		ent Status <b>D</b> ncy ranges run toge	ther on second	line, making it difficult to	Suggested	nent editors note a <i>Remedy</i> nent editors note a				
Increase spacing bet Proposed Response	•	and frequency ran se Status W	ge for Equation	98-14.	Proposed F PROP	Response OSED ACCEPT.	•	Status W		
		D. / / T		" []	C/ <b>98</b> Shariff, Mas	SC 98.7.2.4.4	ļ	P <b>163</b> CommScope	L 16	# 135
Cl 98 SC 98.5.4. Zimmerman, George		P 147 CME Consultir	L <b>9</b> ng Inc	# 165	Comment 7			Status D		
Comment Type ER Equation 98-15 log10 Also, equation 98-25	) should have		s not.		' Suggestedl					
SuggestedRemedy Subscript the 10 in th 26.	ne log10 on firs	st 2 lines of Equatio	n 98-15, and in	equations 98-25 and 98-		Response OSED ACCEPT 3 change MDNE	IN PRINCIPL			
Proposed Response PROPOSED ACCEI	•	se Status W			C/ <b>98</b> Shariff, Mas	SC 98.7.2.4.5	; ;	P <b>164</b> CommScope	L <b>29</b>	# [133
					Comment 7 Missing	<i>Type</i> <b>T</b> g equation for PS		t Status <b>D</b> ng length depend	dency	
					Suggestedl Add PS	<i>Remedy</i> SACRF equation	similar to equ	ation 98-44 anch	ored at 64.8 inste	ead of 67.8
					Proposed F PROP		•	<i>Status</i> <b>W</b> .E. Page 163 dele	ete informative te	xt from line 28-40.
TYPE: TR/technical requ	ired ER/editor	ial required GR/ge	neral required 7	۲/technical E/editorial G/gene	eral			C/ 98		Page 5 of 6

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 Z/withdrawn SORT ORDER: Clause, Subclause, page, line

 C/
 98
 Page 5 of 6

 SC
 98.7.2.4.5
 1/5/2015 10:01:47 AM

Shariff, Masood	P <b>164</b> CommScope	L <b>3</b>	# 132	<i>Cl</i> <b>98</b> Cibula, Pet	SC 98.8.2.2	P 169 Intel Corpora	L 7 ation	# 154
Comment Type <b>T</b> Co	omment Status D			Comment	Туре <b>т</b>	Comment Status D		
Equation 98-45 is about MDFE SuggestedRemedy Change MDACRF to MDFEXT Proposed Response Res				defined data, a Howev pairs u	d in Equation (98- and that Test-mod er, Subclause 98 used for transmitte	es that the impedance balan 53) when the transmitter is t e 4 may be used to generate 5.2, Table 98-14 defines Te r linearity testing. A more a Mode 5 (Normal operation wi	ransmitting rando an appropriate tr est mode 4 as a se opropriate test mo	m or pseudo-random ansmitter output. et of two-tone frequency ode for Subclause
PROPOSED REJECT.	lad			Suggested				
To ensure the total FEXT coup into a duplex channel is limited, individual ACRF disturbers. 98-45 corresponds to Category	, multiple disturber ACRf y 8 Cabling D2.0.	·	·	For dis transm modes approp	cussion. While T nitter to emulate rate could be used for priate, change the	est mode 5 seems to be an indom or pseudo-random da r the impedance balance me text in Subclause 98.8.2.2, I	ta, it is possible the asurement. If Te Page 169, Line 7	hat other defined test ist mode 5 is in fact from "Test mode 4 may
/ 98 SC 98.8.2.2 ibula, Peter	P 168 Intel Corporatio	L <b>44</b> n	# 155			appropriate transmitter output transmitter output."	it." to "Test mode	5 may be used to
comment Type <b>T</b> Co	omment Status D			Proposed I	Response	Response Status W		
Subclause 98.8.2.2 describes t	_	ure MDI impeda	nce balance, one using	PROP	OSED ACCEPT	IN PRINCIPLE. See editors	response on com	iment 155.
a time-domain technique descr frequency-domain technique de The time-domain technique is i	escribed in Page 169, Lir	ne 39 through Lii	ne 49.	C/ <b>98</b> Zimmerma	SC 98.8.2.3	P <b>170</b> CME Consul	L 46	# 167
measured" on Page 169, Line alternative method (" may also iggestedRemedy For discussion. It is believed th	e 28) and the frequency- to be measured" on Pag hat the frequency-domair	domain techniqu ge 169, Line 39) n approach may	e is implied as an be more reproducible	Comment Editors Editors Suggested	Type ER s note has been c Remedy	Comment Status D	-	
measured" on Page 169, Line alternative method (" may also uggestedRemedy	e 28) and the frequency- o be measured" on Pag hat the frequency-domain . It is suggested that the d test and calibration circ ntify the frequency-doma	domain techniqu ge 169, Line 39) a approach may a Task Force rev uits for each, an- in technique as a	e is implied as an be more reproducible iew both measurement d (if supported by such a primary approach to	Comment Editors Suggested Remov Proposed I	Type ER s note has been c Remedy ve editors note.	Comment Status D	-	
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measured" on Page 169, Line alternative method (" may also alternative method (" may also aggestedRemedy For discussion. It is believed th than the time-domain approach approaches and the associated a review) update the text to ider making the measurement - bas coposed Response Res PROPOSED ACCEPT IN PRI change as a PROPOSED ACC	e 28) and the frequency- to be measured" on Para hat the frequency-domain the suggested that the d test and calibration circ ntify the frequency-doma sically flipping the order o sponse Status W INCIPLE Editor's inclin	domain techniqu ge 169, Line 39) n approach may e Task Force rev uits for each, an in technique as a f the two approa	e is implied as an be more reproducible riew both measurement d (if supported by such a primary approach to ches. ment the proposed	Comment Editors Suggested Proposed I PROP Cl 99 Chalupsky, Comment Ieftove Suggested	Type ER s note has been c Remedy ve editors note. Response OSED ACCEPT. SC David Type T r 10G reference Remedy	Comment Status D onsidered in last comment c Response Status W P 2 Intel Corp.	ycle - remove	# [ <u>142</u>

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