-						-					
C/ 00	SC 0	P 13	L 36	# 1		C/ 155	SC 15	5.2.4.3	P 40	L 28	# 5
Maguire, Va	alerie	The Siemon C	Company			Maguire, V	alerie		The Siemon	Company	
Comment T		Comment Status A end of the second sentence.		L.	bucket	Comment Follow	Type I style for	E clause he	Comment Status A		bucke
SuggestedF Replace	•	N)" with, "(Super-PON)."				Suggested Replac	-	Mapper"	with, "GMP mapper"		
Response ACCEP	PT.	Response Status C				Response ACCE	PT.		Response Status C		
C/ 155	SC 155.1.5	P 38	L 2	# 2		C/ 155	SC 15	5.2.4.7	P 43	L 49	# 6
Maguire, Va	alerie	The Siemon C	Company			Maguire, V	alerie		The Siemon	Company	
Comment T	<i>ype</i> E style for clause	Comment Status A headers		k	bucket	Comment Follow	<i>Type</i> I style for	E clause he	Comment Status A		bucke
SuggestedF	Remedy					Suggested	Remedy				
Replace Response	e, "Functional E	Block Diagram" with, "Functior Response Status C	nal block diagra	m"			ce, "400G C adapta		R Frame to SC-FEC Adap	tation" with, "400	GBASE-ZR frame to
ACCEP	PT.	Nesponse Status C				Response ACCE	PT.		Response Status C		
C/ 155	SC 155.2.2	P 39	L 48	# 3		C/ 155	SC 45	5.2.4.8	P 46		# 7
Maguire, Va	alerie	The Siemon C	Company					5.2.4.0		= -	# [
Comment T	<i>Type</i> E style for clause	Comment Status A headers		L.	bucket	Maguire, V	Туре І		The Siemon Comment Status A	Company	bucke
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Replace	e, "Use of Bloc	ks" with, "Use of blocks"				Suggested		ti II	ith IIDad isaastissell		
Response		Response Status C					ce, Pad i		with, "Pad insertion"		
ACCEP						Response ACCE	PT.		Response Status C		
C/ 155	SC 155.2.4.4		L 45	# 4		C/ 155	SC 15	5.2.4.9	P 46	L 7	# 8
Maguire, Va		The Siemon C	ompany	,		Maguire, V	alerie		The Siemon	Company	
Follow s	<i>Type</i> E style for clause	Comment Status A headers		L.	bucket	Comment		E clause he	Comment Status A	. ,	bucke
SuggestedF Replace pad inse	e, "Alignment N	Marker (AM) and Pad insertion	" with, "Alignme	ent Marker (AM) and	d	Suggested	Remedy		onous Scrambler" with, "F	rame synchronol	us scrambler"
Response ACCEP	PT.	Response Status C				Response ACCE	PT.		Response Status C		

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E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed Z/withdrawn SORT ORDER: Comment ID

Comment ID 8

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C/ 156	SC 156.10	P 93	L 41	# 9		C/ 156	SC 156.10	.1.2.1	P 95	L 25	# 13	
Maguire, \	/alerie	The Siemon (Company	' <u></u>		Maguire, V	'alerie		The Siemon	Company		
Comment Type E Follow style for clause h		Comment Status A headers			bucket	Comment Follow	<i>Type</i> E style for claus		ent Status A		bı	
Suggested	dRemedy					Suggested	Remedy					
	ce, "EVM Confor and calculation"	mance test setup and calcula	ation" with, "EVI	M conformance tes	st	Replac	ce, "Polarizatio	on Demux" w	ith, "Polarization d	emux"		
Response		Response Status C				Response Response Status C						
ACCE		response status				ACCE	PT.					
C/ 156	SC 156.10.1	P 94	/ 42	# 40		C/ 156	SC 156.10	.1.2.2	P 95	L 31	# 14	
			L 43	# 10		Maguire, V	'alerie		The Siemon	Company		
Maguire, \	Type E	The Siemon (Comment Status A	Company		bucket	Comment Follow	<i>Type</i> E style for claus		ent Status A		bu	
Follow	style for clause	headers				Suggested	Remedy					
Suggested Repla		mance test setup" with, "EVN	√ conformance	test setup"			ce, "Clock and	Frequency (Offset Recovery" v	vith, "Clock and f	requency offset	
Response ACCE		Response Status C				Response ACCE	PT.	Respon	se Status C			
C/ 156	SC 156.10.1.	1 P 94	L 20	# 11		C/ 156	SC 156.10	.1.2.3	P 95	L 39	# 15	
Maguire, \	/alerie	The Siemon (Company			Maguire, V	'alerie		The Siemon	Company		
Comment Follow	Type E style for clause	Comment Status A headers			bucket	Comment Follow	<i>Type</i> E style for claus		ent Status A		bı	
Suggested	dRemedy					Suggested	Remedy					
Repla	ce, "Calibrated C	oherent Receiver" with, "Cali	brated coheren	t receiver"		Replac	ce, "Carrier Ph	ase Recove	ry" with, "Carrier p	hase recovery"		
Response ACCE		Response Status C				Response ACCE		Respon	se Status C			
C/ 156	SC 156.10.1.	2 P 95	L 2	# 12		C/ 156	SC 156.10	.1.2.4	P 95	L 42	# 16	
Maguire, \	/alerie	The Siemon (Company			Maguire, V	'alerie		The Siemon	Company		
Comment Follow	Type E style for clause	Comment Status A headers			bucket	Comment Follow	Type E style for claus		ent Status A		bı	
Suggested	dRemedy					Suggested	Remedy					
		al Signal Processing" with, "C	Offline digital sig	nal processing"			,	iltering" with	, "Receive filtering	п		
		Response Status C				Response		Respon	se Status C			
Response												

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: Comment ID

Comment ID 16

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Cl 156 SC 156.10.1.2.5 P 95 L 48 # 17

Maguire, Valerie The Siemon Company

Comment Type E Comment Status A bucket

Follow style for clause headers

SuggestedRemedy

Replace, "Offset Compensation" with, "Offset compensation"

Response Response Status C

ACCEPT.

C/ 120A SC 120A.6 P 105 L 28 # 18

Lewis, David Lumentum

Comment Type TR Comment Status A

The 400GBASE-ZR PCS should be a separate MMD from the PMA and PMD. This allows for the re-use of already defined MDIO registers in clause 45.

SuggestedRemedy

In Figure 120A-9 change the curly bracket for MMD1 to start at the divider between PCS and PMA. Add the caption MMD3 next to the PCS.

Response Response Status C
ACCEPT.

C/ 155 SC 155.2.4.5.2

P 43

L 10

19

Lewis, David Lumentum

Comment Type T Comment Status A

Overhead

There needs to be clarification of how the LDI fields translate to tx_am_sf<2:0> when there is an adjacent PHY 400GXS. The connection may be made via MDIO registers or in an integrated implementation as a direct hardware connection.

SuggestedRemedy

Add a paragraph: "If there is an adjacent PHY 400GXS sublayer, then the value of RD in STAT<7> is equal to the value of rx_am_sf<2> from the 400GXS sublayer, and LD in STAT<8> is equal to the value of rx_am_sf<1> from the 400GXS sublayer. If there is not a 400GXS sublayer adjacent, meaning that the 400GBASE-ZR PCS is connected to a MAC-RS, then the value of RD in STAT<7> is set to the value of LD in STAT<8> of the received status byte in the receive direction of the 400GBASE-ZR PCS, and the value of LD in STAT<8> in the transmit direction is set to 0.

Response Status C

ACCEPT IN PRINCIPLE.

Add two new paragraphs at the end of 155.2.4.5.2:

"If there is an adjacent PHY 400GXS sublayer, then the value of RD in STAT<7> is equal to the value of rx_am_sf<2> from the 400GXS sublayer, and LD in STAT<8> is equal to the value of rx am sf<1> from the 400GXS sublayer.

If there is not a 400GXS sublayer adjacent, meaning that the 400GBASE-ZR PCS is connected to a MAC-RS, then the value of RD in STAT<7> is set to the value of LD in STAT<8> of the received status byte in the receive direction of the 400GBASE-ZR PCS, and the value of LD in STAT<8> in the transmit direction is set to 0."

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: Comment ID

Comment ID 19

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Lewis, David Lumentum

Comment Type T Comment Status A

Overhead Comn

C/ 155

Huber, Tom

Comment Type T Comment Status A

SC 155.2.4.5

Overhead

21

There needs to be clarification of how the LDI fields translate to rx_am_sf<2:0> when there is an adjacent PHY 400GXS. The connection may be made via MDIO registers or in an integrated implementation as a direct hardware connection.

SuggestedRemedy

Add a paragraph: "If there is an adjacent PHY 400GXS sublayer, then the value of RD in the received STAT<7> is passed to tx_am_sf<2> in the transmit direction of the 400GXS sublayer, and LD in STAT<8> is passed to tx_am_sf<1> in the transmit direction of the 400GXS sublayer. If there is not a 400GXS sublayer adjacent, meaning that the 400GBASE-ZR PCS is connected to a MAC-RS, then the value of RD in STAT<7> is passed to the DTE management entity to indicate a remote degrade event, and LD in the received STAT<8> is passe to the RD bit in STAT<7> in the transmit direction is of the 400GBASE-ZR PCS.

Response Status C

ACCEPT IN PRINCIPLE.

Add two new paragraphs at the end of 155.2.5.7.2:

"If there is an adjacent PHY 400GXS sublayer, then the value of RD in the received STAT<7> is passed to tx_am_sf<2> in the transmit direction of the 400GXS sublayer, and LD in STAT<8> is passed to tx_am_sf<1> in the transmit direction of the 400GXS sublayer.

If there is not a 400GXS sublayer adjacent, meaning that the 400GBASE-ZR PCS is connected to a MAC-RS, then the value of RD in STAT<7> is passed to the DTE management entity to indicate a remote degrade event, and LD in the received STAT<8> is passed to the RD bit in STAT<7> in the transmit direction is of the 400GBASE-ZR PCS."

The details of the overhead are rather complicated, and the description may not be clear enough for a reader who is unfamiliar with the details of ITU-T FlexO technology on which all of this is based. The 400GBASE-ZR frame is based on a FlexO-4 frame, which is formed by interleaving four ~100G FlexO frame structures. The clauses about AM and Pad describe the fields after this interleaving is done, for simplicity. The overhead clause is sort of a hybrid of trying to describe the 1280-bit field that results from interleaving four 320-bit fields, but it gets complicated by the fact that all the overhead is in the first ~100G structure that uses a 4-frame multiframe. Since most readers probably are not familiar with the details of FlexO, it is probably better to introduce the overhead in terms of a 40-byte frame structure and 4-frame multiframe, and then have a separate subclause to explain how the overhead is mapped into the 400GBASE-ZR overhead field.

P 42

Nokia

L 38

SuggestedRemedy

Change the title of 155.2.4.5 to "Overhead (OH)"

Add text before Figure 155-4 as follows:

The 400GBASE-ZR overhead is a 40-byte frame structure that uses a four-frame multiframe, as shown in Figure 155-4 and described in 155.2.4.5.1 through 155.2.4.5.3.

Change the text at the top of figure 155-4 from "bytes of the first 320-bit OH field" to "byte number"

Delete the paragraph after the figure and insert new subclause 155.2.4.5.4 as follows: 155.2.4.5.4 Mapping into the 400GBASE-ZR frame

The 400GBASE-ZR frame contains a 1280-bit overhead field. This field is logically composed of four 320-bit structures. The 40-byte overhead frame described in subclause 155.2.4.5 is the first such 320-bit structure. The second, third, and fourth 320-bit structures are all zeros. The four 320-bit structures are 10-bit interleaved to form the 1280-bit overhead field.

Assuming this general direction is agreeable, subsequent comments address additional changes to 155.2.4.5.x that would also be needed.

Response Status C

ACCEPT IN PRINCIPLE.

Change the title of 155.2.4.5 to "Overhead (OH)"

Add text before Figure 155-4 as follows:

The 400GBASE-ZR overhead is a 40-byte frame structure that uses a four-frame multiframe, as shown in Figure 155-4 and described in 155.2.4.5.1 through 155.2.4.5.4.

Change the text at the top of figure 155-4 from "bytes of the first 320-bit OH field" to "byte number"

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: Comment ID

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Delete the paragraph after the figure and insert new subclause 155.2.4.5.4 as follows: 155.2.4.5.4 Mapping into the 400GBASE-ZR frame

The 400GBASE-ZR frame contains a 1280-bit overhead field. This field is logically composed of four 320-bit structures. The 40-byte overhead frame described in 155.2.4.5 is the first such 320-bit structure. The second, third, and fourth 320-bit structures are all zeros. The four 320-bit structures are 10-bit interleaved to form the 1280-bit overhead field.

C/ 155 SC 155.2.4.5.1 P 42 L 46 # 22

Huber, Tom Nokia

Comment Type T Comment Status A Overhead

It is better to describe the MFAS field independently of the 320-bit FlexO instances, as noted in an earlier comment.

SuggestedRemedy

Replace the text of 155.2.4.5.1 with:

The MFAS is in the first byte of the overhead frame. It is wrapping counter that is incremented each frame to provide a 256-frame multi-frame sequence as defined by ITU-T G.709.1 Clause 9.2.1.

Response Status C

ACCEPT.

C/ 155 SC 155.2.4.5.2 P 42 L 52 # 23

Huber, Tom Nokia

Comment Type T Comment Status A Overhead

This subclause seems to be covering two separate concepts: the STAT field of the overhead, and behavior based on detecting link faults, which should be in the receiver clause rather than the transmitter.

SuggestedRemedy

Delete the first and last paragraphs (a subsequent comment will address re-inserting this information in the clause describing the receiver)

Response Response Status C

ACCEPT IN PRINCIPLE

Delete the first and last paragraphs of 155.2.4.5.2.

Cl 155 SC 155.2.4.5.2 P 43 L 1 # 24

Huber, Tom Nokia

Comment Type T Comment Status A Overhead

It is better to describe the STAT field independently of the 320-bit FlexO instances, as noted in an earlier comment.

SuggestedRemedy

Change the first sentence of the second paragraph of 155.2.4.5.2 from: The status overhead byte is present in every frame, but only carried in the first of the four 320-bit OH instances.

to:

The status overhead byte provides status information about the 400GBASE-ZR link.

Response Status C

ACCEPT.

CI 155 SC 155.2.4.5.2 P 43 L 8 # 25

Huber, Tom Nokia

Comment Type T Comment Status A

Overhead

With the new version of Figure 155-4 that breaks out the individual bits of what was formerly shown as the 3-bit LDI field, it would be better to just refer to those bits explicitly in the text. Also note that something got lost in translation - the RD bit (identified in the text as LDI<1>) corresponds to $tx_am_sf<2>$, and the LD bit (identified as LDI<2>) corresponds to $tx_am_sf<1>$

SuggestedRemedy

Change the last sentence of the fourth paragraph to say:

The LD bit corresponds to tx_am_sf<1> in 118.2.2. The RD bit corresponds to tx am sf<2> in 118.2.2.

Response Response Status C

ACCEPT.

 CI 155
 SC 155.2.5.7
 P 50
 L 17
 # 26

 Huber, Tom
 Nokia

 Comment Type
 T
 Comment Status
 A
 Overhead

Assuming the earlier comment regarding the description of overhead is agreed, it would be beneficial to have some text explaining how the 40-byte overhead frame is recovered from the 1280-bit field (i.e. the inverse of proposed new clause 155.2.4.5.4)

SuggestedRemedy

Insert a new paragraph at the end of 155.2.5.7 as follows:

The 400GBASE-ZR overhead is recovered from the 1280-bit overhead field by 10-bit deinterleaving the four 320-bit structures. The 40-byte overhead frame is the first 320-bit structure.

Response Response Status C ACCEPT.

C/ 155 SC 155.2.5.7.1 P 50 L 28 # 27

Huber. Tom Nokia

Comment Type T Comment Status A

Overhead

The byte numbering in figure 155-9 is different from that in figure 155-5. For consistency they should be the same.

SuggestedRemedy

Decide on either 0-based or 1-based byte numbering (based on whatever is most prevalent in the rest of 802.3) and change whichever figure needs to be changed.

Response Status C

ACCEPT IN PRINCIPLE.

Change to 0-based numbering for Figure 155-9, the same as Figure 155-4, with editorial license.

Cl 155 SC 155.2.5.7.1 P 50 L 28 # 28

Huber, Tom Nokia

Comment Type T Comment Status A Overhead

Assuming the earlier comment regarding the description of the overhead is agreed, the text at the top of the figure should not refer to the 320-bit OH field.

SuggestedRemedy

Change text to say "byte numbers"

Response Status C

ACCEPT IN PRINCIPLE.

Change the text at the top of Figure 155-9 from:

"bytes of the 320-bit OH field"

to:

"byte numbers"

Cl 155 SC 155.2.5.7.2 P 50 L 42 # 29

Huber, Tom Nokia

Comment Type T Comment Status A

Assuming the earlier comments regarding the description of the overhead is agreed, the introductory sentence should not mention the 320-bit field

SuggestedRemedy

Eliminate the second clause of the first sentence, so it reads: The status overhead byte is present in every 400GBASE-ZR frame.

Response Status C

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 Z/withdrawn SORT ORDER: Comment ID

Overhead

Based on the comment to remove some receiver-specific text from the description of link status monitoring overhead in the transmitter, some additional text is needed here.

SuggestedRemedy

Add the following at the end of the subclause:

The 400GBASE-ZR PCS provides detection and signaling of link degrade for use by network equipment with re-route capabilities. Pre-FEC bit error ratio monitors within the SC-FEC decoder are used to detect and indicate link degrade at the 400GBASE-ZR optical link.

In the case of a DSP framing or 400GBASE-ZR frame or multi-frame loss, the PCS receive path inserts a stream of 257B blocks carrying LF ordered sets.

Response Status C

ACCEPT IN PRINCIPLE.

Add the following at the end of the 155.2.5.7.2:

"The 400GBASE-ZR PCS provides detection and signaling of link degrade for use by network equipment with re-route capabilities. Pre-FEC bit error ratio monitors within the SC-FEC decoder are used to detect and indicate link degrade at the 400GBASE-ZR optical link.

In the case of a DSP framing or 400GBASE-ZR frame or multi-frame loss, the PCS receive path inserts a stream of 257B blocks carrying LF ordered sets."

Cl 155 SC 155.4.2.1 P 62 L 26 # 31

Huber, Tom Nokia

Comment Type T Comment Status A Variables

The variable pma align status appears to be Boolean, so it should be described as such.

SuggestedRemedy

Change "A variable." to "A Boolean variable."

Response Status C

ACCEPT IN PRINCIPLE.

Replace all descriptions starting "Boolean variable..." with "A boolean variable."

Cl 155 SC 155.4.2.1 P 62 L 34 # 32

Huber, Tom Nokia

Comment Type E Comment Status A Variables

There is inconsistent sentence structure in the description of the variables - some begin with "A Boolean variable.", while others omit begin with "Boolean variable.". Those that describe non-Boolean variables all begin with "A variable."

SuggestedRemedy

Change the sentences that begin with "Boolean variable." to begin with "A Boolean variable "

Response Status C

ACCEPT IN PRINCIPLE.

Refer to comment 31.

CI 155 SC 155.4.2.1 P 64 L 5 # 33

Huber, Tom Nokia

Comment Type T Comment Status A

Overhead

Since the description of the LDI field now identifies specific bit positions, it would be more clear to state that rx_local_degraded is true when the receiver detects the value 1 in the LD bit of the STAT field (which is actually LDI<2>, per figure 155-4)

SuggestedRemedy

Change the first two sentences from:

Boolean variable that is asserted true when the receiver detects LDI<1> in the STAT byte of two consecutive 400GBASE-ZR frames. It is deasserted when LDI<1> is deasserted for two

consecutive frame periods.

to:

A Boolean variable that is asserted true when the receiver detects the value 1 in the LD bit of the STAT byte of two consecutive 400GBASE-ZR frames. It is deasserted when the value 0 is detected in the LD bit for two consecutive frames.

Response Status C

ACCEPT

 CI 155
 SC 155.4.2.1
 P 64
 L 10
 # 34

 Huber, Tom
 Nokia

 Comment Type
 T
 Comment Status A
 Overhead

Since the description of the LDI field now identifies specific bit positions, it would be more clear to state that rx_rm_degraded is true when the receiver detects the value 1 in the RD bit of the STAT field (which is actually LDI<1>, per figure 155-4)

SuggestedRemedy

Change the first two sentences from:

Boolean variable that is asserted true when the receiver detects LDI<2> in the STAT byte of two consecutive 400GBASE-ZR frames. It is deasserted when LDI<2> is deasserted for two

consecutive frame periods.

to:

A Boolean variable that is asserted true when the receiver detects the value 1 in the RD bit of the STAT byte of two consecutive 400GBASE-ZR frames. It is deasserted when the value 0 is detected in the RD bit for two consecutive frames.

Response Status C

ACCEPT.

C/ **155** SC **155.4.2.4** P **68** L **4** # 35

Huber. Tom Nokia

Comment Type T Comment Status A State diag

It seems like this process should be predicated on PMA alignment being achieved - there's no point in looking for the PCS AMs if the PMA is not aligned.

SuggestedRemedy

Modify the output of LOCK_INIT from UCT to pma_align_status, so that the process of aligning the PCS AMs doesn't start until the PMA alignment is complete.

Response Status C

ACCEPT IN PRINCIPLE.

For the LOCK_INIT state, change the output transition condition from "UCT" to "pma align status".

Cl 155 SC 155.4.2.1 P 63 L 14 # 36

Issenhuth, Tom Huawei

Comment Type E Comment Status A TBDs

TBD not in magenta. There is one more case in 155.4.2.1, 3 cases in 155.6 and multiplecases in 156.10.1.

SuggestedRemedy

Change color of TBDs to magenta

Response Status C

ACCEPT IN PRINCIPLE.

Search for all TBDs and change to magenta as necessary.

C/ 155 SC 155.7.3 P 72 L 17 # 37

Issenhuth, Tom Huawei

Comment Type E Comment Status A bucket

Incorrect use of C-FEC, should be CFEC as stated in 1.5

SuggestedRemedy

Change C-FEC to CFEC

Response Status C

ACCEPT.

CI 156 SC 156.5.1 P 79 L 6 # 38

Issenhuth, Tom Huawei

Comment Type E Comment Status A bucket

Missing cross reference to 156.9

SuggestedRemedy

Add cross reference

Response Status C

ACCEPT.

C/ 156 SC 156.5.1 P 79 L 8 # 39 C/ 156 SC 156.9.23 P 93 L 36 # 42 Huawei Huawei Issenhuth, Tom Issenhuth, Tom Comment Type Е Comment Status A bucket Comment Type Ε Comment Status A Missing cross reference to 156.9 3 uses of OADM abbreviation SuggestedRemedy SuggestedRemedy Add cross reference Add abbreviation to 1.5 or fully spell out abbreviations Response Status C Response Response Response Status C ACCEPT. ACCEPT IN PRINCIPLE. See response to comment 40. SC 156.6 P 81 C/ 156 L 26 # 40 Issenhuth, Tom Huawei C/ 155 SC 155.2.4.6 P 43 L 30 Comment Type E Comment Status A Issenhuth. Tom Huawei OADM is shown as an abbreviation but is not included in 1.5 of this draft or the 802.3 D3.0 Comment Type E Comment Status A revision Incorrect usage of CRC-32 as CRC32 is used through out the 802.3 revision D3.0 draft. SuggestedRemedy SuggestedRemedy Add abbreviation to 1.5 or remove usage of abbreviation To keep alignment with the new 802.3 draft standard, change CRC-32 to CRC32 Response Response Status C throughout the draft ACCEPT IN PRINCIPLE Response Response Status C ACCEPT. Remove abbreviation and use "optical add-drop multiplexer or optical add-drop multiplexers". C/ 156 SC 156.13.4.1 P 101 L 39 # 44 C/ 156 SC 156.8 P 87 L 33 # 41 Issenhuth. Tom Huawei Issenhuth, Tom Huawei Comment Type E Comment Status A bucket Comment Status A Comment Type Ε Value/Comment shown as "Meets BER specified in 156.1.1" No OADM abbreviation SuggestedRemedy SuggestedRemedy Change"in156.1.1" to "in 156.1.1" Add abbreviation to 1.5 or fully spell out abbreviation Response Response Status C Response Response Status C 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 Z/withdrawn SORT ORDER: Comment ID

ACCEPT IN PRINCIPLE.

See response to comment 40.

bucket

Cl 156 SC 156.13.4.4 P 103 L 18 # 45

Issenhuth, Tom Huawei

Comment Type E Comment Status A

Missing subclause cross reference for OM1

SuggestedRemedy

Add cross reference

Response Response Status C

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 Z/withdrawn SORT ORDER: Comment ID

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