Cl **0**   *SC* **0**   *P*   *L*   # r01-11

Perry, Lisa

Comment Type **G**   *Comment Status* **X**

This draft meets all editorial requirements.

SuggestedRemedy

Proposed Response   *Response Status* **O**

Cl **1**   *SC* **1**   *P* **1**   *L* **1**   # r01-8

BUCANEG, DEMETRIO JR   Hawaiian Electric Com

Comment Type **G**   *Comment Status* **X**

Note: Details of the tabulated comments seemed to get lost during the downloading of Excel Spreadsheet but could be emailed if needed.

SuggestedRemedy

Proposed Response   *Response Status* **O**

Cl **30**   *SC* **30.5.1.1.2**   *P* **19**   *L* **10**   # r01-1

BUCANEG, DEMETRIO JR   Hawaiian Electric Com

Comment Type **ER**   *Comment Status* **X**

Quote: Written as "30.5.1.1.2 aMAUType" and might have been a minor typo for that letter "a".

SuggestedRemedy

Rewrite as: "30.5.1.1.2a aMAUType"

Proposed Response   *Response Status* **O**

Cl **45**   *SC* **45.2.1.8**   *P* **21**   *L* **9**   # r01-2

BUCANEG, DEMETRIO JR   Hawaiian Electric Com

Comment Type **ER**   *Comment Status* **X**

For consistency as was written in "Tables 45-9 and 45-10", row 1 in "Table 45-12" should be corrected as shown.

SuggestedRemedy

Rewrite row 1 under column "PMA/PMD" as "25GBASE-LR, and 25GBASE-ER"

Proposed Response   *Response Status* **O**

Cl **108**   *SC* **108.7.3**   *P* **27**   *L* **13**   # r01-3

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Comment Type **ER**   *Comment Status* **X**

For completeness, include the "Subclause" references for "25GBASE-LR and 25GBASE-ER" respectively in table.

SuggestedRemedy

Add "Subclause" references for "*LR & *ER" in the table.

Proposed Response   *Response Status* **O**

Cl **114**   *SC* **114.1**   *P* **40**   *L* **7**   # r01-7

BUCANEG, DEMETRIO JR   Hawaiian Electric Com

Comment Type **TR**   *Comment Status* **X**

In comparison, "Table 114-8, 25GBASE-ER, 30 km, Channel Insertion Loss (Max) = 15 dB" is different from "Table 114-11, 25GBASE-ER, 30 km, Channel Insertion Loss (Max) = 18 dB". If needs to match in value, suggest taking the higher magnitude where "Table 114-8" is revised as shown.

SuggestedRemedy

Coordinate consistent value of the "25GBASE-ER, 30 km, Channel Insertion Loss (Max) = 18 dB" between "Tables 114-11 and 114-8".

Proposed Response   *Response Status* **O**

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: Clause, Subclause, page, line

Cl **114**
SC **114.1**

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Cl **114**   *SC* **114.6**   *P* **33**   *L* **4**   # r01-10
Lewis, David   Lumentum

Comment Type **TR**   *Comment Status* **X**

We need to include an allowance for MPI penalty in the link budget for 25GBASE-ER. According to http://www.ieee802.org/3/cc/public/adhoc/170614/king_01_25gsmf_061417.pdf, the penalty needs to be 0.7 dB for lecacy cable plants used for 10GBASE-LR.

SuggestedRemedy

Table 114-6: change Transmitter reflectance (max) from -12 to -26 dB. Table 114-8: change Channel insertion loss (max) from 15 and 18 to 15 - value in Table yyy and 18 - value in Table yyy, change maximum discrete reflectance from -26 to "see Table yyy". Add a new Table yyy with combinations of -26 and -35 dB connectors and corresponding entries to be subtracted from Channel insertion loss (max) for MPI penalty. These changes will be detailed in a presentation at the Berlin task force meeting.

Proposed Response   *Response Status* **O**

Cl **114**   *SC* **114.6**   *P* **33**   *L* **4**   # r01-9
Lewis, David   Lumentum

Comment Type **TR**   *Comment Status* **X**

We need to include an allowance for MPI penalty in the link budget for 25GBASE-LR. According to http://www.ieee802.org/3/cc/public/adhoc/170614/king_01_25gsmf_061417.pdf, the penalty needs to be 0.7 dB for lecacy cable plants used for 10GBASE-LR.

SuggestedRemedy

Table 114-6: change Transmitter reflectance (max) from -12 to -26 dB. Table 114-7: change Receiver sensitivity (OMA) (max) from -11.3 to -12 dBm and change Stressed receiver sentivity (OMA) (max) from -8.8 to -9.5 dBm. Table 114-8: change Power budget (for maximum TDP) from 9 to 9.7 dB, change maximum discrete reflectance from -26 to "see table xxx", and change Allocation for penalties (for maximum TDP) from 2.7 to 3.4 dB. Add a new table xxx with combinations of -26 and -35 dB connectors that are supported based on an MPI penalty of 0.7 dB. These changes will be detailed in a presentation at the Berlin task force meeting.

Proposed Response   *Response Status* **O**

Cl **114**   *SC* **114.6.1**   *P* **33**   *L* **40**   # r01-4
BUCANEG, DEMETRIO JR   Hawaiian Electric Com

Comment Type **TR**   *Comment Status* **X**

In "Table 114-6", "25GBASE-ER" has "Center Wavelength (Range)" of "1295 to 1310 nm". In comparison, "Table 114-7, 25GBASE-ER" has a different "Center Wavelength (Range)" of "1295 to 1325 nm". If needs to match in values, suggest taking the higher range where "Table 114-6" is revised as shown.

SuggestedRemedy

Revise as: "Table 114-6, 25GBASE-ER, Center Wavelength (Range) = 1295 to 1310 1325 nm".

Proposed Response   *Response Status* **O**

Cl **114**   *SC* **114.6.2**   *P* **35**   *L* **13**   # r01-5
BUCANEG, DEMETRIO JR   Hawaiian Electric Com

Comment Type **TR**   *Comment Status* **X**

In "Table 114-6", "25GBASE-ER" has "Center Wavelength (Range)" of "1295 to 1310 nm". In comparison, "Table 114-7, 25GBASE-ER" has a different "Center Wavelength (Range)" of "1295 to 1325 nm". If needs to match in values, suggest taking the higher range where "Table 114-6" is revised as shown.

SuggestedRemedy

Coordinate consistent values of the "25GBASE-ER, Center Wavelength (Range) = 1295 to 1325 nm" between "Tables 114-7 and 114-6".

Proposed Response   *Response Status* **O**

Cl **114**   *SC* **114.6.3**   *P* **36**   *L* **15**   # r01-6
BUCANEG, DEMETRIO JR   Hawaiian Electric Com

Comment Type **TR**   *Comment Status* **X**

In comparison, "Table 114-8, 25GBASE-ER, 30 km, Channel Insertion Loss (Max) = 15 dB" is different from "Table 114-11, 25GBASE-ER, 30 km, Channel Insertion Loss (Max) = 18 dB". If needs to match in value, suggest taking the higher magnitude where "Table 114-8" is revised as shown.

SuggestedRemedy

Revise as: "Table 114-8, 25GBASE-ER, 30 km, Channel Insertion Loss (Max) = 15 18 dB"

Proposed Response   *Response Status* **O**

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: Clause, Subclause, page, line

Cl **114**
SC **114.6.3**

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