MEF

Technical Specification

MEF 26.0.1

Corrected Figure 10 for MEF 26

July 2010

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1. Corrected Figure

Replace Figure 10 of MEF 26[1] with the following figure.

ENNI Frame of length l_j arrives at time $t_j (j \geq 1)$

$$B_c(t_j) = \min\left\{ CBS, B_c(t_{j-1}) + \frac{CIR}{8} \times (t_j - t_{j-1}) \right\}$$

$$O(t_j) = \max\left\{ 0, B_c(t_{j-1}) + \frac{CIR}{8} \times (t_j - t_{j-1}) - CBS \right\}$$

$$B_e(t_j) = \min\left\{ EBS, B_e(t_{j-1}) + \frac{EIR}{8} \times (t_j - t_{j-1}) + CF \times O(t_j) \right\}$$

$[(CM == \text{color-blind})$ OR (ENNI Frame == Green)] AND $(l_j \leq B_c(t_j))$ — Yes → Declare ENNI Frame Green $B_c(t_j) = B_c(t_j) - l_j$

No

$[(CM == \text{color-blind})$ OR (ENNI Frame != Red)] AND $(l_j \leq B_e(t_j))$ — Yes → Declare ENNI Frame Yellow $B_e(t_j) = B_e(t_j) - l_j$
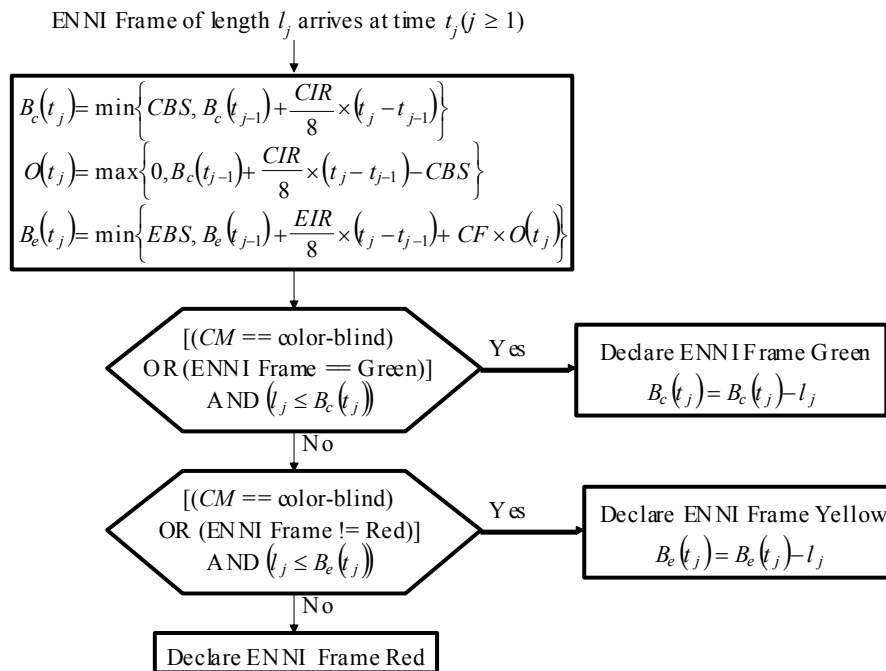
No

Declare ENNI Frame Red

Figure 10 – The Bandwidth Profile Algorithm

2. Description of the Correction

The new figure differs from the original figure by replacing "Declare ENNI Frame Green" with "Declare ENNI Frame Yellow" in the lower right hand box that updates $B_e(t_j)$.

3. References

[1] Metro Ethernet Forum, MEF 26, *External Network Network Interface (ENNI) – Phase 1*, January 2010.