

Maintenance Item #0246: Color-aware flow meters are color-blind

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The text below shows a proposal for IEEE 802.1 maintenance item #0246 (<https://www.802-1.org/items/361>) for subsequent discussion. The proposal is given as editorial instructions.

The instructions assume the following base text:

1. IEEE Std 802.1Q-2018, amended by
2. IEEE P802.1Qcr, Draft 2.1

Insert items RLY-21, RLY-22, and RLY-23 at the end of Table A.7, renumber as necessary:

Item	Feature	Status	References	Support
RLY-21	Does the implementation assign colors to frames before processing by Flow Meters according to 8.6.5.5?	PSFP:M ¬PSFP:O	8.6.5.5	Yes []
RLY-22	Is the frame color assigned according to 8.6.5.5, items k) and l)?	RLY-21:M	8.6.5.5, items k) and l)	Yes [] No []
RLY-23	State the algorithm by which the color of frames prior to processing by Flow Meters according to 8.6.5.5 is assigned.	¬RLY-22:M	8.6.5.5	Algorithm _____

Add the following text after item j) of clause 8.6.5.5:

Each frame has a predetermined color for subsequent processing by a flow meter. If this color is determined by the drop_eligible parameter (6.9.1), the color is determined as follows:

- k) If the drop_eligible parameter is FALSE, the color is green.
- l) If the drop_eligible parameter is TRUE, the color is yellow.