

### Definitions

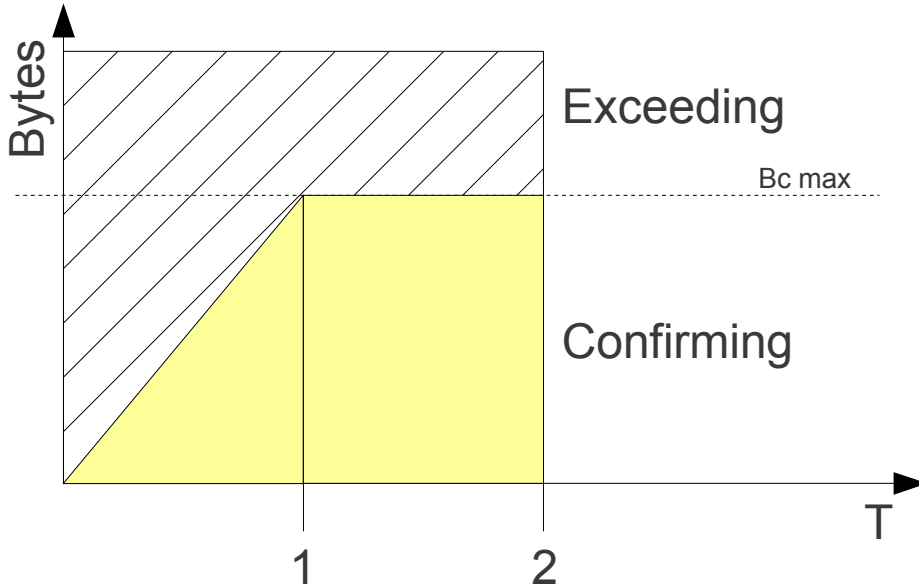
The Graphs show the available amount of traffic per time, assuming no traffic is sent.

$t_p$  current Package arrival Time

$t_{p-1}$  last Package arrival Time

$Bc_0=0, Be_0=0, t_{p-1}=0$

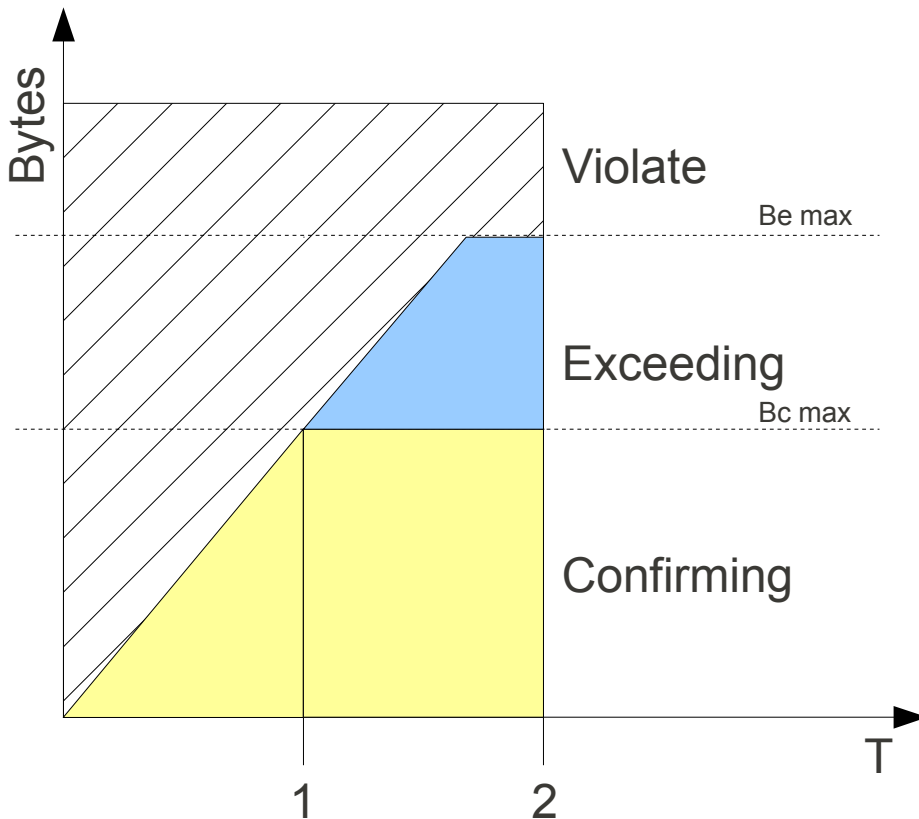
## Single-Rate Dual-Color Policer



$$Bc \in \mathbb{Z}, Bc \leq Bc_{max}$$

$$Bc = Bc + \frac{t_p - t_{p-1} \times CIR}{8}$$

## Single-Rate Three-Color Policer



$$Be \in \mathbb{Z}, Be \leq Be_{max}$$

$$Be = Be + x_B$$

$$Bc \in \mathbb{Z}, Bc \leq Bc_{max}$$

$$Bc + x_B = Bc + \frac{t_p - t_{p-1} \times CIR}{8}$$

*Definitions*

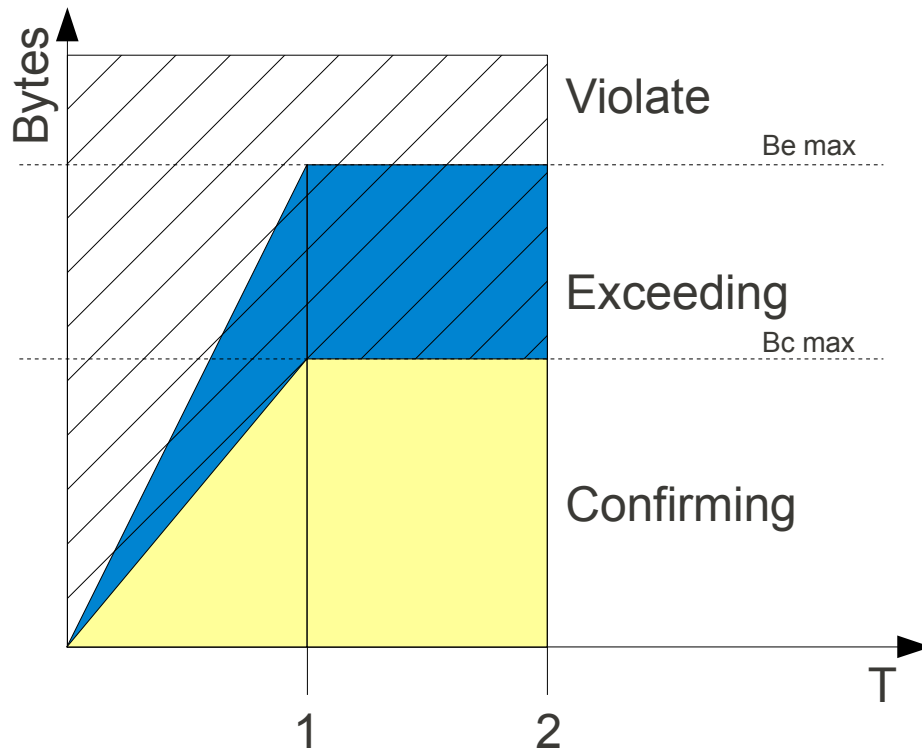
$t_p$  current Package arrival Time

$t_{p-1}$  last Package arrival Time

*Definitions for all Drawings*

$Bc=0, t_{p-1}=0$

## Dual-Rate Three-Color Policer



$$Be \in \mathbb{Z}, Be \leq Be_{max}$$

$$Be = Be + \frac{t_p - t_{p-1} \times PIR}{8}$$

$$Bc \in \mathbb{Z}, Bc \leq Bc_{max}$$

$$Bc = Bc + \frac{t_p - t_{p-1} \times CIR}{8}$$