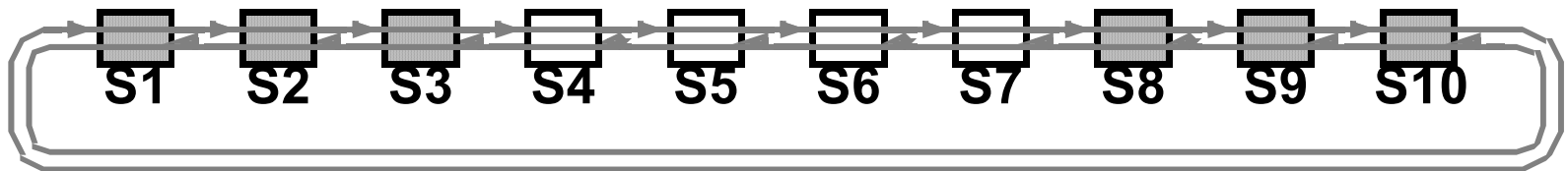


# 802.17 ClassA jitter guarantees

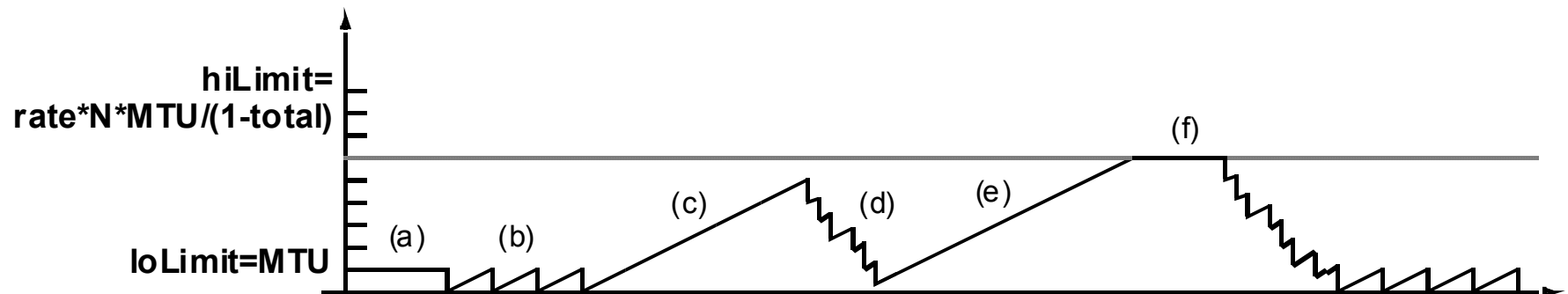
- Prepared for 802.17, Nov 2002
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## Class-A scenario

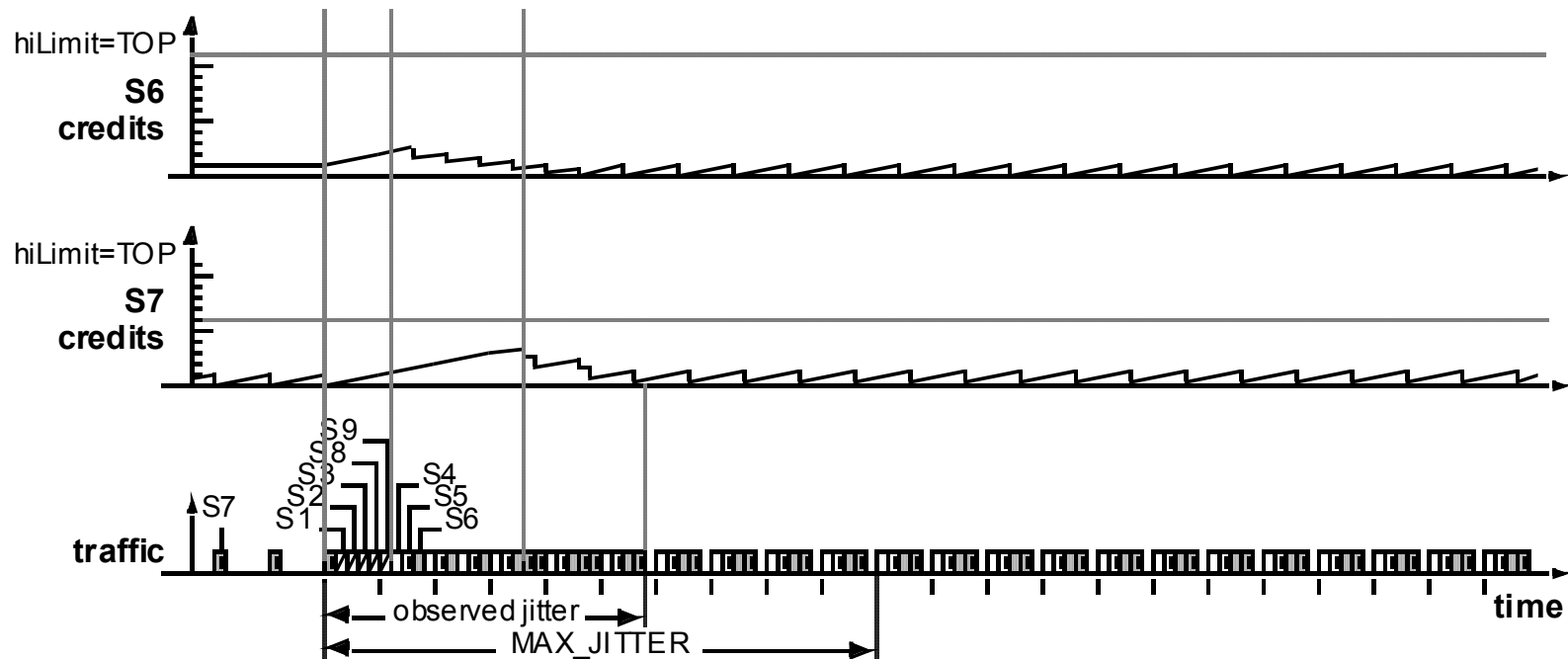


- **20% allocation for stations {S4,S5,S6,S7}**
- **Insignificant traffic for {S1,S2,S3,S8,S9,S10}**
- **Coincidental {S1,S2,S3,S8,S9} simultaneous transmissions**

# Class-A credit parameters

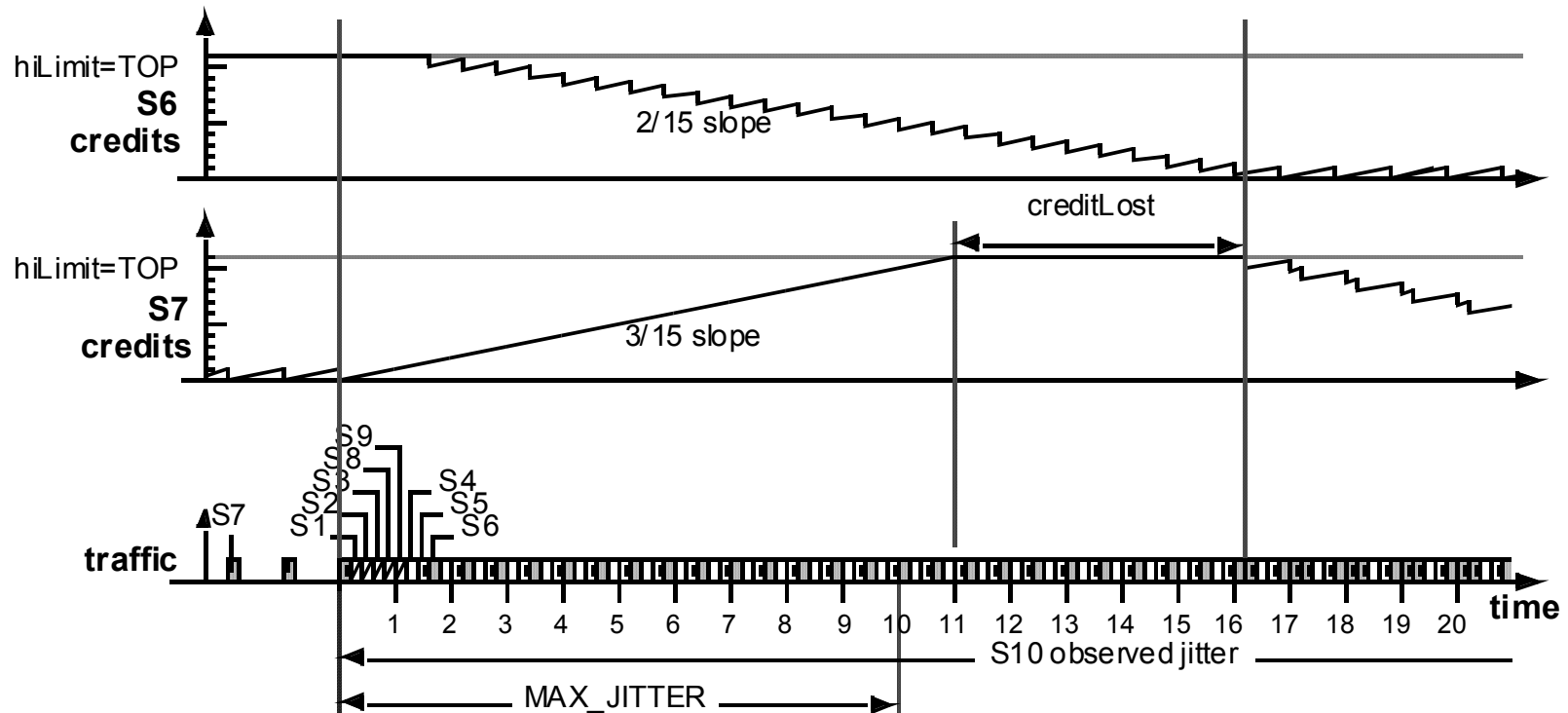


# ClassA clamped credits



```
#define MAX_JITTER ((numberOfStations*MTU)/(1-totalRate))// 50 MTU in this example
#define TOP (MTU+myRate*MAX_JITTER) // 11 MTU in this example
```

# ClassA excess credits



```
#define MAX_JITTER ((numberOfStations*MTU)/(1-totalRate)) // 50 MTU in this example
#define TOP (MTU+myRate*MAX_JITTER) // 11 MTU in this example
```

# ClassA excess credits (cont)

