

ATM QoS Classes

| Class | 2 pt. CDV | CLR CLP=0 | CLR CLP=1 | CTD |
|-----------------|--------------|--------------|--------------------|-------|
| 1 'Stringent' | 3ms | none | 3×10^{-7} | 400ms |
| 2 'Tolerant' | U | none | 10^{-5} | U |
| 3 'Bi-Level' | U | 10^{-5} | U | U |
| U 'Unspecified' | U | U | U | U |

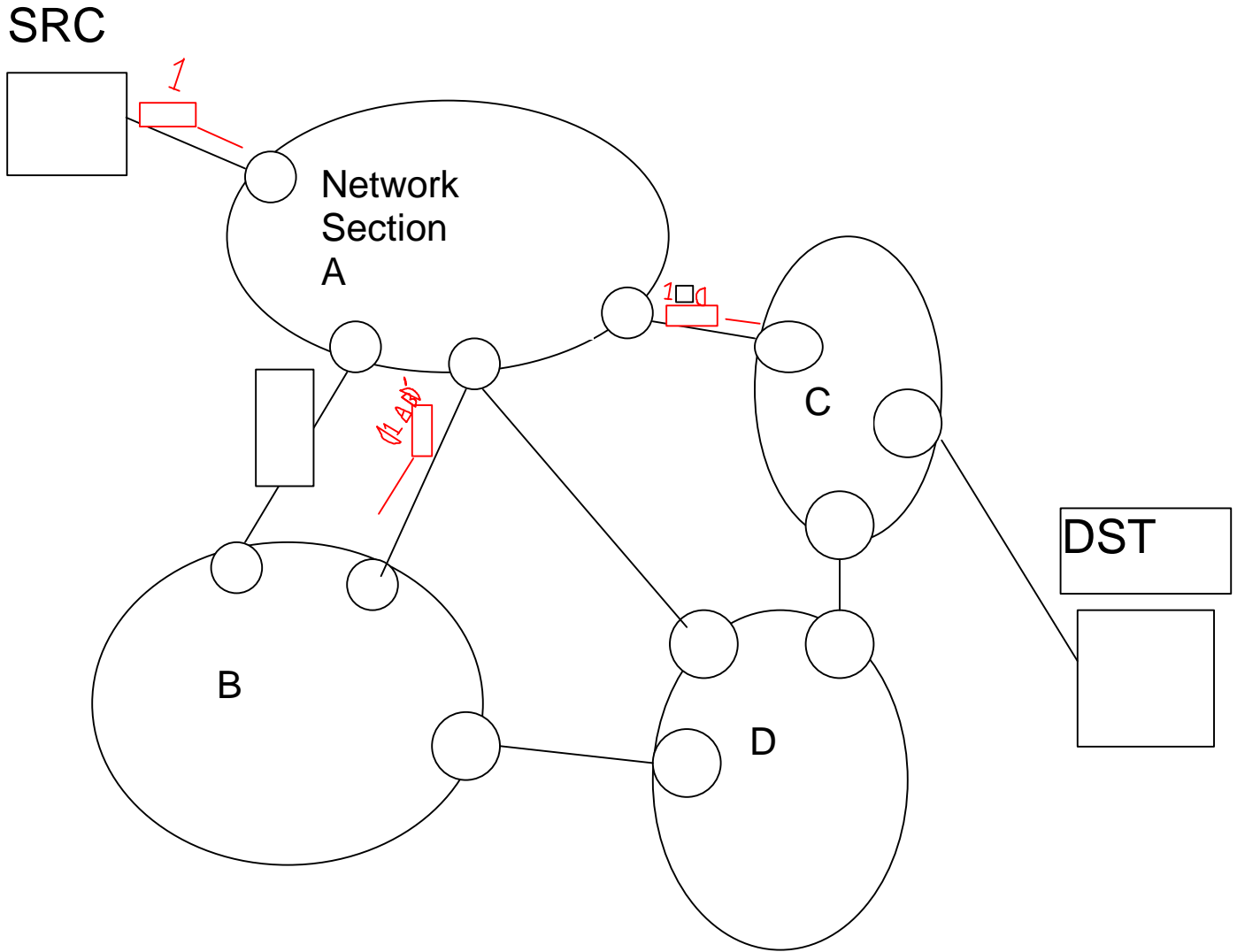
→ See I.356 For
Complete Details ←

FRAME RELAY QoS Classes

| # | FLR _c | FTD |
|---|--------------------|--------|
| 0 | U | U |
| 1 | 10^{-3} | 400 ms |
| 2 | 3×10^{-5} | 400 ms |
| 3 | 3×10^{-5} | 150 ms |

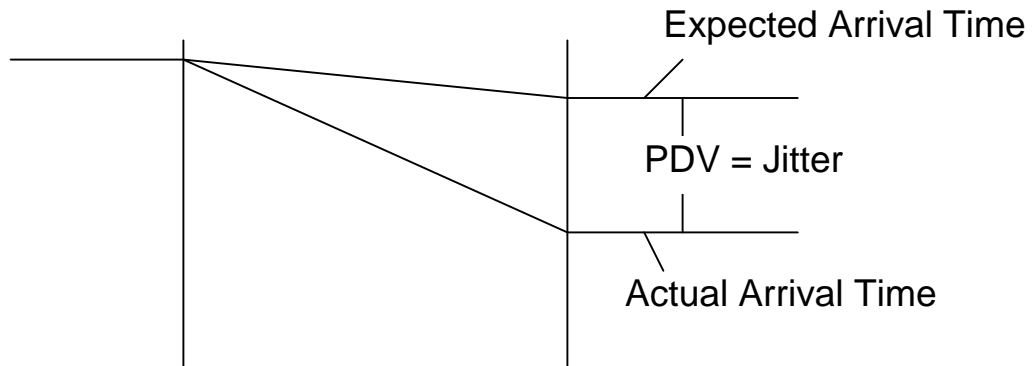
→ See X.146 For
Complete Details ←

I.380 Performance Model



Definitions Based on
Consideration of all fragments
and all allowable input &
output routers.

IP Jitter (= Packet Delay Variation)



1. Observe % Packets with
Jitter $\in [-a, a]$

2. Bound the Delay Distribution

$(99.5\text{-tile}) - (0.5\text{-tile}) < b$

T1 Web page is at www.t1.org

Go to Files

Go to T1A1

Look under T1A1.3, 1998

Look for contribution T1A1.3/98-041c, the file is named 8a13041c.doc (Word version) or 8a13041c.pdf (Acrobat version)

IPPM & T1A1.3

Possible Complementary Approaches

| IPPM | T1A1.3 |
|---|---|
| Measurement Methods [Controlled or Active Mode] Relative QoS | Abstract Definitions “Uncontrolled” or Passive Measurement Methods Absolute QoS (actual objectives) |