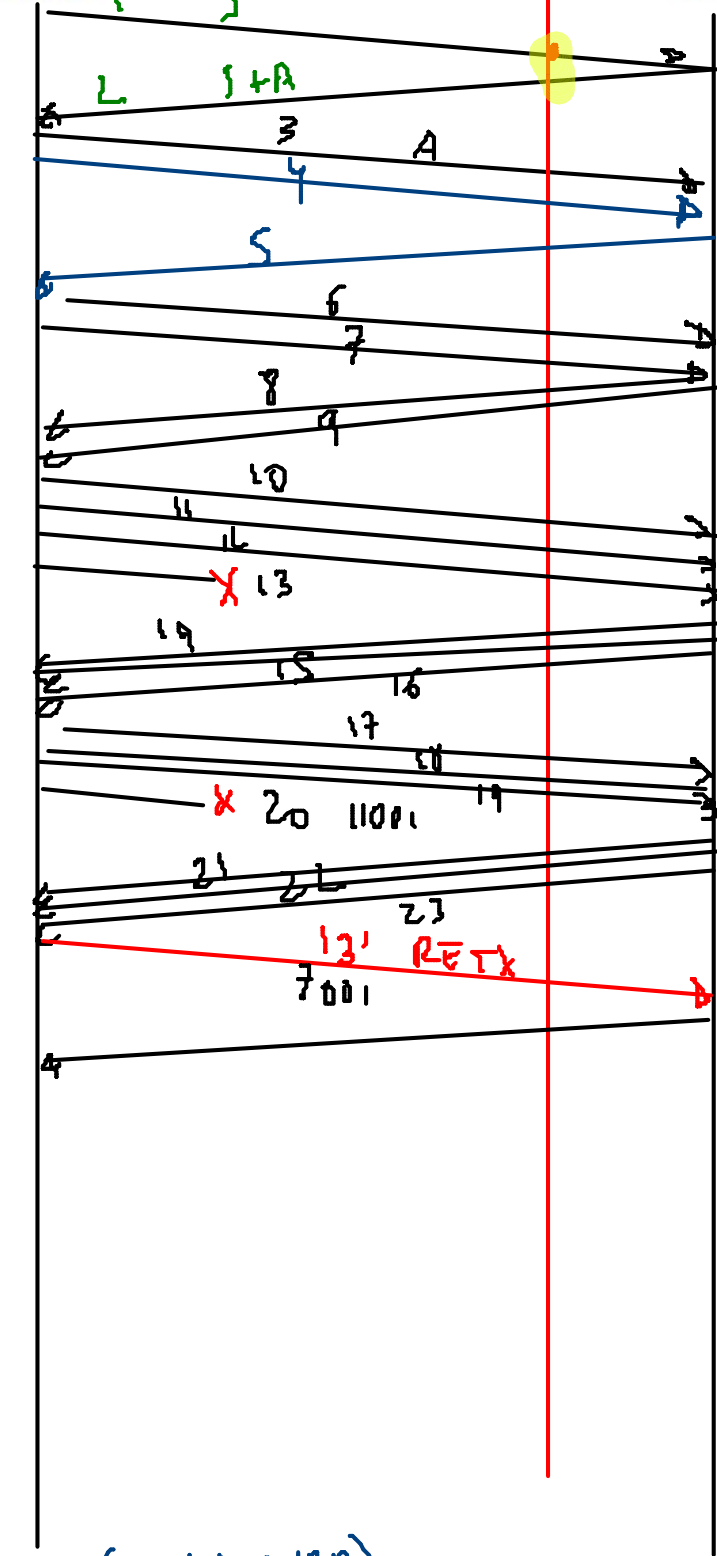


$A \rightarrow B$ 20Kb MSS 1000B SS 8MSS cwnd: 1MSS B 2MSS ~~NALE~~, A.MSS
 $RTT = 110ms$ $BW = 260Kbps$
 $\frac{B \cdot pag}{RTT} = \frac{0,11 \cdot 260 \cdot 10^3}{1054,8} = 3139 \text{ pag}/RTT$

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100



1 0 ipA.pA > ipB.pB: S 0:0(0) win 5MSS (mss 1000)
 2 5ms ipB.pB > ipA.pA: S 0:0(0) ack 1 win 5 (mss 1000)
 3 RTT A > B: ack 1 win 5
 4 RTT A > B: 1:1001 (1000) ack 1 win 5
 5 RTT+5ms B > A: ack 1001 win 5
 6 2RTT A > B: 1001:2001 (1000) ack 1 win 5
 7 " 2001:3001 (1000) ack 1 win 5
 8 2RTT+5ms B > A: ack 2001 win 5
 9 " ack 3001 win 5
 10 3RTT A > B: 3001:4001 (1000) ack 1 win 5
 11 " 4001:5001 " " "
 12 " 5001:6001 " " "
 13 6001:7001 " " "
 14 3RTT+5ms B > A: ack 4001 win 5
 15 " ack 5001 "
 16 " ack 6001 "
 17 4RTT A > B: 7001:8001 (1000) ack 1 win 5
 18 8001:9001 " " "
 19 9001:10001 " " "
 20 10001:11001 " " "
 21 4RTT+5ms B > A: ack 6001 win 5
 22 " " " "
 23 " " " "
 24 5RTT A > B: 6001:7001 (1000) ack 1 win 5

cwnd A	WRB	SS	Wdell
1	5	8	1
2			0
3			2
4			1
5			0
6			2
7			1
8			0
9			2
10			1
11			0
12			2
13			1
14			0
15			2
16			1
17			0
18			2
19			1
20			0
21			2
22			1
23			0
24			2
25			1
26			0
27			2
28			1
29			0
30			2
31			1
32			0
33			2
34			1
35			0
36			2
37			1
38			0
39			2
40			1
41			0
42			2
43			1
44			0
45			2
46			1
47			0
48			2
49			1
50			0
51			2
52			1
53			0
54			2
55			1
56			0
57			2
58			1
59			0
60			2
61			1
62			0
63			2
64			1
65			0
66			2
67			1
68			0
69			2
70			1
71			0
72			2
73			1
74			0
75			2
76			1
77			0
78			2
79			1
80			0
81			2
82			1
83			0
84			2
85			1
86			0
87			2
88			1
89			0
90			2
91			1
92			0
93			2
94			1
95			0
96			2
97			1
98			0
99			2
100			1

$\min(cwndA, WRB) - VOELD$

