Example Trace with GBN, using simulator output

```
-bash-3.2$ ./project2 20 0.05 0.05 0.05 10 1 1 0 -1
---- Network Simulator Version 2.3 -----
Input parameters:
Number of Messages = 20 Lost Packet Prob. = 0.050
Corrupt Packet Prob. = 0.050 Out Of Order Prob. = 0.050
Ave. time between messages = 10.00 Trace level = 1
Randomize = 1 Bi-directional = 0
SEED: 1480378929
        9.6820, Layer 5 to 4 Message = !fEVhy->Pbs'2J3m~2DU
Α:
Α:
       14.6508, Layer 5 to 4 Message = ##i.Qt9]!Eh-Ps8[~Dg,
B:
       29.1652, Layer 4 to 5 Message = !fEVhy->Pbs'2J3m~2DU
Δ:
       34.5821, Layer 5 to 4 Message = $X$d:oFzQ(]3h>sJ\sim U,a
B:
       34.8730, Layer 4 to 5 Message = ##i.Qt9]!Eh-Ps8[~Dg,
       36.9937, Layer 5 to 4 Message = %kS%$jR:#iQ9!hP8~g07
A:
       38.3344, Layer 4 to 5 Message = X$d:oFzQ(]3h>sJ\sim U,a
B:
       42.1340, Layer 5 to 4 Message = &\wq&e_XRLF?93-'~xrl
Δ:
       44.5428, Layer 4 to 5 Message = %kS%$jR:#iQ9!hP8~g07
B:
       58.0599, Layer 5 to 4 Message = '2=IT'kv$x:FQ]hs\sim,7C
Α:
B:
       60.4479, Layer 4 to 5 Message = &}wq&e_XRLF?93-'~xrl
Printing the contents of the Simulation Event Q
Event Time = 76.761 A: LAYER 3 Seq/Ack/Check = 9002/2/-274305514:
Event Time = 77.486 A: LAYER 5
Event Time = 86.180 B: LAYER 3 Seq/Ack/Check = 5/1005/-1197427177: '2=IT'kv$x:FQ]hs~,7C
Event Time = 94.630 A: LAYER 3 Seq/Ack/Check = 9003/3/533304993:
Event Time = 95.696 A: LAYER 3 Seq/Ack/Check = 9004/4/-1554679961:
Event Time = 148.551 A: Timer
Printing the contents of the Simulation Event Q
Event Time = 77.486 A: LAYER 5
Event Time = 86.180 B: LAYER 3 Seq/Ack/Check = 5/1005/-1197427177: '2=IT'kv$x:FQ]hs~,7C
Event Time = 94.630 A: LAYER 3 Seq/Ack/Check = 9003/3/533304993:
Event Time = 95.696 A: LAYER 3 Seq/Ack/Check = 9004/4/-1554679961:
Event Time = 161.341 A: Timer
Printing the contents of the Simulation Event Q
Event Time = 86.180 B: LAYER 3 Seq/Ack/Check = 5/1005/-1197427177: '2=IT'kv$x:FQ]hs~,7C
Event Time = 94.630 A: LAYER 3 Seq/Ack/Check = 9003/3/533304993:
Event Time = 95.696 A: LAYER 3 Seq/Ack/Check = 9004/4/-1554679961:
Event Time = 176.761 A: Timer
Δ:
       77.4860, Layer 5 to 4 Message = (Eb~=Z(6SpxLi(Eb~=Zw
Printing the contents of the Simulation Event Q
Event Time = 89.896 B: LAYER 3 Seq/Ack/Check = 6/1006/-541378612: (Eb~=Z(6SpxLi(Eb~=Zw
Event Time = 94.630 A: LAYER 3 Seq/Ack/Check = 9003/3/533304993:
Event Time = 95.539 A: LAYER 5
Event Time = 95.696 A: LAYER 3 Seq/Ack/Check = 9004/4/-1554679961:
Event Time = 176.761 A: Timer
       86.1798, Layer 4 to 5 Message = '2=IT'kv$x:FQ]hs~,7C
B:
       89.8964, Layer 4 to 5 Message = (Eb~=Z(6SpxLi(Eb~=Zw
```

```
95.5387, Layer 5 to 4 Message = dW(V'U\&)%S$R2Q!P~O\}N
Δ:
       97.9565, Layer 4 to 5 Message = dW(V'U\&)%S$R2Q!P~ON
B:
      107.4903, Layer 5 to 4 Message = *jL.nP2r*6vX:z]>~aC%
Α:
Α:
      126.9651, Layer 5 to 4 Message = +fpdWK>2&+k_RF3-~rfY
      130.4948, Layer 4 to 5 Message = *jL.nP2r*6vX:z]>~aC%
B:
Α:
      131.6565, Layer 5 to 4 Message = ,16;AFKPUZ,ejoty~&+0
A:
      133.7364, Layer 5 to 4 Message = -DZg*AWn'=T-$:Qh~7Ne
В:
      139.1719, Layer 4 to 5 Message = +fpdWK>2&+k_RF3-~rfY
      148.2634, Layer 5 to 4 Message = .V~Iq;d.V~Iq.d.V~Iq;
A:
      157.6121, Layer 4 to 5 Message = ,16;AFKPUZ,ejoty~&+0
B:
Printing the contents of the Simulation Event Q
Event Time = 167.485 A: LAYER 3 Seq/Ack/Check = 9009/9/-679095333:
Event Time = 174.758 B: LAYER 3 Seq/Ack/Check = 11/1011/-112287508: -DZq*AWn'=T-$:Qh~7Ne
Event Time = 193.314 A: LAYER 3 Seq/Ack/Check = 9010/10/474274883:
Event Time = 197.696 B: LAYER 3 Seq/Ack/Check = 12/1012/-1489756008: .V~Iq;d.V~Iq.d.V~Iq;
Event Time = 257.346 A: Timer
      164.5821, Layer 5 to 4 Message = xiE~Z6pL(b=wSxiE~Z6p
Δ:
Printing the contents of the Simulation Event Q
Event Time = 167.485 A: LAYER 3 Seq/Ack/Check = 9009/9/-679095333:
Event Time = 174.758 B: LAYER 3 Seq/Ack/Check = 11/1011/-112287508: -DZq*AWn'=T-$:Qh~7Ne
Event Time = 193.314 A: LAYER 3 Seq/Ack/Check = 9010/10/474274883:
Event Time = 197.696 B: LAYER 3 Seq/Ack/Check = 12/1012/-1489756008: .V~Iq;d.V~Iq.d.V~Iq;
Event Time = 198.911 B: LAYER 3 Seq/Ack/Check = 13/1013/1079609917: xiE~Z6pL(b=wSxiE~Z6p
Event Time = 257.346 A: Timer
Α:
      164.6677, Layer 5 to 4 Message = d{iVD1|jWE2}2X03~1YG
Printing the contents of the Simulation Event Q
Event Time = 170.131 A: LAYER 5
Event Time = 174.758 B: LAYER 3 Seq/Ack/Check = 11/1011/-112287508: -DZq*AWn'=T-$:Qh~7Ne
Event Time = 193.314 A: LAYER 3 Seq/Ack/Check = 9010/10/474274883:
Event Time = 197.696 B: LAYER 3 Seq/Ack/Check = 12/1012/-1489756008: .V~Iq;d.V~Iq.d.V~Iq;
Event Time = 198.911 B: LAYER 3 Seq/Ack/Check = 13/1013/1079609917: xiE~Z6pL(b=wSxiE~Z6p
Event Time = 213.288 B: LAYER 3 Seq/Ack/Check = 14/1014/1540725642: d{iVD1|jWE2}2X03~1YG
Event Time = 257.346 A: Timer
Printing the contents of the Simulation Event Q
Event Time = 174.758 B: LAYER 3 Seq/Ack/Check = 11/1011/-112287508: -DZq*AWn'=T-$:Qh~7Ne
Event Time = 193.314 A: LAYER 3 Seq/Ack/Check = 9010/10/474274883:
Event Time = 197.696 B: LAYER 3 Seq/Ack/Check = 12/1012/-1489756008: .V~Iq;d.V~Iq.d.V~Iq;
Event Time = 198.911 B: LAYER 3 Seq/Ack/Check = 13/1013/1079609917: xiE~Z6pL(b=wSxiE~Z6p
Event Time = 213.288 B: LAYER 3 Seq/Ack/Check = 14/1014/1540725642: d{iVD1|jWE2}2X03~lYG
Event Time = 267.485 A: Timer
A:
      170.1312, Layer 5 to 4 Message = 10x.-,+*)('&%$#1~}|{
Printing the contents of the Simulation Event Q
Event Time = 186.863 A: LAYER 5
Event Time = 193.314 A: LAYER 3 Seq/Ack/Check = 9010/10/474274883:
Event Time = 197.696 B: LAYER 3 Seq/Ack/Check = 12/1012/-1489756008: .V~Iq;d.V~Iq.d.V~Iq;
Event Time = 198.911 B: LAYER 3 Seq/Ack/Check = 13/1013/1079609917: xiE~Z6pL(b=wSxiE~Z6p
Event Time = 213.288 B: LAYER 3 Seq/Ack/Check = 14/1014/1540725642: d{iVD1|jWE2}2X03~1YG
Event Time = 241.015 B: LAYER 3 Seq/Ack/Check = 15/1015/1297015328: 10x.-,+*)('&%$#1~}|{
```

```
Event Time = 267.485 A: Timer
      174.7577, Layer 4 to 5 Message = -DZq*AWn'=T-$:Qh~7Ne
Δ:
      186.8627, Layer 5 to 4 Message = 2CSdt'7HXiy,<M^n21BR
      197.6959, Layer 4 to 5 Message = .V~Iq;d.V~Iq.d.V~Iq;
B:
      198.9108, Layer 4 to 5 Message = xiE~Z6pL(b=wSxiE~Z6p
B:
Α:
      201.9276, Layer 5 to 4 Message = 3Uw;^!Df*Ln2Tv:]~3e)
      213.2879, Layer 4 to 5 Message = d{iVD1|jWE2}2X03~1YG
      213.9120, Layer 5 to 4 Message = 4f=qGzP&Yxc8lB3K~T4^
Α:
      215.8376, Layer 5 to 4 Message = 5zbI0u]D+pW>&kR9~fM5
Α:
      241.0147, Layer 4 to 5 Message = 10x.-,+*)('&\$\$1\~\}|{
      252.0440, Layer 4 to 5 Message = 2CSdt'7HXiy,<M^n21BR
Printing the contents of the Simulation Event Q
Event Time = 261.166 A: LAYER 3 Seq/Ack/Check = 9015/15/-1686713686:
Event Time = 274.529 A: LAYER 3 Seq/Ack/Check = 9016/16/-770824704:
Event Time = 279.896 B: LAYER 3 Seq/Ack/Check = 18/1018/-662440335: 4f=qGzP&Yxc81B3K~T4^
Event Time = 303.018 B: LAYER 3 Seq/Ack/Check = 19/1020/1777874245: 5zbI0u]D+pW>&kR9~fM5
Event Time = 342.021 A: Timer
B:
      253.2801, Layer 4 to 5 Message = 3Uw;^!Df*Ln2Tv:]~3e)
B:
      279.8957, Layer 4 to 5 Message = 4f=qGzP&Yxc81B3K~T4^
      303.0182, Layer 4 to 5 Message = 5zbI0u]D+pW>&kR9~fM5
Simulator terminated at time 326.205759
after receiving 20 msgs at layer5
Simulator Analysis:
 Number of messages sent from 5 to 4: 20
 Number of messages received at Layer 5, side A: 0
 Number of messages received at Layer 5, side B: 20
 Number of messages incorrectly received at layer 5: 0
 Number of packets entering the network: 40
 Average number of packets already in network:
                                                  1.700
 Number of packets that the network lost: 0
 Number of packets that the network corrupted: 0
 Number of packets that the network put out of order: 0
Example Trace with GBN, using my output
-bash-3.2$ ./project2 20 0.05 0.05 0.05 10 -1 1 0 -1
---- Network Simulator Version 2.3 -----
Input parameters:
Number of Messages = 20 Lost Packet Prob. = 0.050
Corrupt Packet Prob. = 0.050 Out Of Order Prob. = 0.050
Ave. time between messages =
                              10.00 Trace level = -1
Randomize = 1 Bi-directional = 0
SEED: 1480378880
(0 , 0 ) Original Send
                              0
                                          1000
                                                      !fEVhy->Pbs'2J3m~2DU
                             1
                                          1001
(0 , 0 ) Original Send
                                                      ##i.Qt9]!Eh-Ps8[~Dg,
(0 , 0 ) Original Send
                             2
                                          1002
                                                      $X$d:oFzQ(]3h>sJ~U,a
(0 , 0 ) Received
                                          1000
                                                      !fEVhy->Pbs'2J3m~2DU
(0 , 0 ) Sending Ack
                              9000
(0 , 0 ) Got Ok NAK/ACK
                              9000
```

| (0 | | 0 | ` | Omininal Cand | 2 | 1002 | %\c%dip.#i00\bpg07 |
|----|---|---|---|----------------|------|------|--|
| (0 | | 0 | • | Original Send | 3 | 1003 | %kS%\$jR:#iQ9!hP8~g07 |
| (0 | , | | | Original Send | 4 | 1004 | &}wq&e_XRLF?93-'~xrl |
| (0 | | 0 | • | Received | 1 | 1001 | ##i.Qt9]!Eh-Ps8[~Dg, |
| (0 | , | 0 | • | Sending Ack | 9001 | 1 | 4 |
| (0 | , | | | Original Send | 5 | 1005 | '2=IT'kv\$x:FQ]hs~,7C |
| (0 | , | | , | Got Ok NAK/ACK | 9001 | 1 | |
| (0 | , | | • | Received | 2 | 1002 | \$X\$d:oFzQ(]3h>sJ~U,a |
| (0 | , | 0 |) | Sending Ack | 9002 | 2 | |
| (0 | , | | • | Original Send | 6 | 1006 | (Eb~=Z(6SpxLi(Eb~=Zw |
| (0 | , | 0 | | Received | 3 | 1003 | %kS%\$jR:#iQ9!hP8~g07 |
| (0 | , | 0 |) | Sending Ack | 9003 | 3 | |
| (0 | , | 0 |) | Got Ok NAK/ACK | 9002 | 2 | |
| (0 | , | 0 |) | Original Send | 7 | 1007 | dW(V'U&)%S\$R2Q!P~O}N |
| (0 | , | 0 |) | Original Send | 8 | 1008 | *jL.nP2r*6vX:z]>~aC% |
| (0 | , | 0 |) | Received | 4 | 1004 | &}wq&e_XRLF?93-'~xrl |
| (0 | , | 0 |) | Sending Ack | 9004 | 4 | |
| (0 | , | 0 |) | Got Ok NAK/ACK | 9003 | 3 | |
| (0 | , | 0 | | Original Send | 9 | 1009 | +fpdWK>2&+k_RF3-~rfY |
| (0 | | 0 | | Original Send | 10 | 1010 | ,16;AFKPUZ,ejoty~&+0 |
| (0 | | 0 | | Original Send | 11 | 1011 | -DZq*AWn'=T-\$:Qh~7Ne |
| (0 | , | _ | | Queueing | 12 | 1012 | .V~Iq;d.V~Iq.d.V~Iq; |
| (0 | , | _ | | Received | 5 | 1005 | '2=IT'kv\$x:FQ]hs~,7C |
| (0 | , | _ | • | Sending Ack | 9005 | 5 | 2 11 1000000000000000000000000000000000 |
| (0 | - | 0 | | Queueing | 13 | 1013 | xiE~Z6pL(b=wSxiE~Z6p |
| (0 | , | _ | • | Got Ok NAK/ACK | 9004 | 4 | XIL-2OPE(D-W3XIL-2OP |
| (0 | - | 0 | | Sending | 12 | 1014 | .V~Iq;d.V~Iq.d.V~Iq; |
| (0 | - | 0 | • | Received | 6 | 1006 | (Eb~=Z(6SpxLi(Eb~=Zw |
| (0 | | _ | • | Sending Ack | 9006 | 6 | (LD-0-2(03pXL1(LD-0-2W |
| • | , | _ | • | - | | | 4(4)/D1 41/E2) 22/03 1/C |
| (0 | , | _ | • | Queueing | 14 | 1015 | d{iVD1 jWE2}2X03~1YG |
| (0 | , | _ | | Queueing | 15 | 1016 | 10x,+*)('&%\$#1~} { |
| (0 | , | | • | Received | 7 | 1007 | dW(V'U&)%S\$R2Q!P~O}N |
| (0 | | 0 | | Sending Ack | 9007 | 7 | |
| (0 | , | | | Got Ok NAK/ACK | 9005 | 5 | |
| (0 | | 0 | | Sending | 13 | 1017 | xiE~Z6pL(b=wSxiE~Z6p |
| (0 | | 0 | • | Queueing | 16 | 1018 | 2CSdt'7HXiy, <m^n21br< td=""></m^n21br<> |
| (0 | , | 0 | • | Received | 8 | 1008 | *jL.nP2r*6vX:z]>~aC% |
| (0 | , | | | Sending Ack | 9008 | 8 | |
| (0 | , | |) | Queueing | 17 | 1019 | 3Uw;^!Df*Ln2Tv:]~3e) |
| (0 | | 0 |) | Received | 9 | 1009 | +fpdWK>2&+k_RF3-~rfY |
| (0 | , | 0 |) | Sending Ack | 9009 | 9 | |
| (0 | , | 0 |) | Queueing | 18 | 1020 | 4f=qGzP&Yxc81B3K~T4^ |
| (0 | , | 0 |) | Got Ok NAK/ACK | 9006 | 6 | |
| (0 | , | 0 |) | Sending | 14 | 1021 | d{iVD1 jWE2}2X03~1YG |
| (0 | , | 0 |) | Got Ok NAK/ACK | 9007 | 7 | |
| (0 | , | 0 |) | Sending | 15 | 1022 | 10x,+*)('&%\$#1~} { |
| (0 | , | 0 |) | Got Ok NAK/ACK | 9008 | 8 | |
| (0 | | 0 |) | Sending | 16 | 1023 | 2CSdt'7HXiy, <m^n21br< td=""></m^n21br<> |
| (0 | | 0 | | Got Ok NAK/ACK | 9009 | 9 | |
| (0 | , | 0 | | Sending | 17 | 1024 | 3Uw;^!Df*Ln2Tv:]~3e) |
| (0 | - | 0 | | Queueing | 19 | 1025 | 5zbI0u]D+pW>&kR9~fM5 |
| (0 | | 0 | | Received | 10 | 1010 | ,16;AFKPUZ,ejoty~&+0 |
| (0 | | 0 | | Sending Ack | 9010 | 10 | , -,=,-,-,-,- |
| (0 | | 0 | • | Got Ok NAK/ACK | 9010 | 10 | |
| (0 | | 0 | • | Sending | 18 | 1026 | 4f=qGzP&Yxc81B3K~T4^ |
| (0 | | 0 | | Received | 11 | 1011 | -DZq*AWn'=T-\$:Qh~7Ne |
| (0 | | 0 | | Sending Ack | 9011 | 11 | 254 /mil = 1 4.6ii |
| (0 | - | 0 | | Received | 12 | 1014 | .V~Iq;d.V~Iq.d.V~Iq; |
| (0 | , | J | , | NECETVEU | 14 | 1014 | · · · · · · · · · · · · · · · · · · · |

| (0 | , 0 | ` | Sending Ack | 9012 | 12 | |
|-----------|-------------|---|-------------------------------|-----------------------|------------|--|
| (0 | , 0 | • | Wrong seqnum | 14 | 1021 | d{iVD1 jWE2}2X03~1YG |
| (0 | ٠. | | Sending Old Ack | -9013 | 1021 | d(1VD1 JWL2}2X03%11d |
| (0 | ,0 ,0 | | Got Ok NAK/ACK | 9011 | 11 | |
| (0 | | | Sending | 19 | 1027 | 5zbI0u]D+pW>&kR9~fM5 |
| (0 | | • | Wrong seqnum | 15 | 1027 | 10x,+*)('&%\$#1~} { |
| (0 | | • | Sending Old Ack | -9014 | 1022 | 10X,+')(0/45#1~} { |
| • | ٠. | | - | 9012 | 12 | |
| (0 | ٠. | | Got Ok NAK/ACK Got Old Ack | -9012 -9014 | | |
| (0 | , 0 | • | | | 12 | 2004+17UV: (MA=21DD |
| (0 | , 0 | | Wrong seqnum | 16 | 1023 | 2CSdt'7HXiy, <m^n21br< td=""></m^n21br<> |
| (0 | , 0 | | Sending Old Ack | -9015 0013 | 12 12 | |
| (0 | , 0 | • | Got Old Ack Wrong segnum | -9013 | | 211 410.6*1 = 27 2 2 - 1 |
| (0 | , 0 | • | · . | 17 | 1024 | 3Uw;^!Df*Ln2Tv:]~3e) |
| (0 | , 0 | | Sending Old Ack | -9016 0015 | 12 | |
| (0 | , 0 | • | Got Old Ack | -9015 | 12 | 4£ -C-D0VV-01D2V T4A |
| (0 | , 0 | • | Wrong seqnum | 18 | 1026 | 4f=qGzP&Yxc81B3K~T4^ |
| (0 | , 0 | | Sending Old Ack | -9017 001 <i>6</i> | 12 | |
| (0 | , 0 | • | Got Old Ack | -9016 | 12 1027 | E-bTQuID unit 8kDQ fME |
| (0 | , 0 | | Wrong seqnum Sending Old Ack | 19 | | 5zbI0u]D+pW>&kR9~fM5 |
| (0 | , 0 | • | Got Old Ack | -9018 -9017 | 12 12 | |
| (0 Tim | , 1 eout | • | GOL OIG ACK | -9017 | 12 | |
| (0 | , 1 | | Resending | 13 | 1028 | xiE~Z6pL(b=wSxiE~Z6p |
| (0 | , 1 | • | Resending | 14 | 1028 | d{iVD1 jWE2}2X03~1YG |
| (0 | , 1 | | Resending | 15 | 1030 | 10x,+*)('&%\$#1~} { |
| (0 | , 1 | • | Resending | 16 | 1030 | 2CSdt'7HXiy, <m^n21br< td=""></m^n21br<> |
| (0 | | | Resending | 17 | 1031 | 3Uw;^!Df*Ln2Tv:]~3e) |
| (0 | , 1 , 1 | | Resending | 18 | 1032 | 4f=qGzP&Yxc81B3K~T4^ |
| (0 | _ | | Resending | 19 | 1033 | 5zbI0u]D+pW>&kR9~fM5 |
| (0 | ٠. | | Received | 13 | 1034 | xiE~Z6pL(b=wSxiE~Z6p |
| (0 | ٠. | • | Sending Ack | 9019 | 13 | XIL-2OPE(D-W3XIL-2OP |
| (0 | , 1 , 1 | | Received | 14 | 1029 | d{iVD1 jWE2}2X03~1YG |
| (0 | , 1 | • | Sending Ack | 9020 | 14 | u(1001 JWL2 J 2X05 110 |
| (1 | , 1 | | Correupt Ack/Nak | -9018 | 12 | |
| • | - ر orin | | correape Acky Nak | 3010 | 12 | |
| (1 | , 1 | _ | Got Ok NAK/ACK | 9019 | 13 | |
| (1 | , - , 1 | | Got Ok NAK/ACK | 9020 | 14 | |
| (1 | , 1 | • | Received | 15 | 1030 | 10x,+*)('&%\$#1~} { |
| (1 | , 1 | • | Sending Ack | 9021 | 15 | 20% 3. /(2004 12 3 (|
| (1 | , 1 | | Received | 16 | 1031 | 2CSdt'7HXiy, <m^n21br< td=""></m^n21br<> |
| (1 | , 1 | | Sending Ack | 9022 | 16 | Zeoue //may, (11 lizzon |
| (1 | , 1 | • | Received | 17 | 1032 | 3Uw;^!Df*Ln2Tv:]~3e) |
| (1 | , 1 | • | Sending Ack | 9023 | 17 | 3011, 131 21121111 327 |
| (1 | , 1 | | Got Ok NAK/ACK | 9021 | 15 | |
| (1 | , - , 1 | • | Wrong seqnum | 19 | 1034 | 5zbI0u]D+pW>&kR9~fM5 |
| (1 | , - , 1 | | Sending Old Ack | -9024 | 17 | 515164]5 \pin/anns 1115 |
| (1 | , 1 | | Got Ok NAK/ACK | 9022 | 16 | |
| (1 | , 1 | | Got Ok NAK/ACK | 9023 | 17 | |
| (1 | , 1 | • | Got Old Ack | -9024 | 17 | |
| • | eout | | | | | |
| (1 | , 1 | | Resending | 18 | 1035 | 4f=qGzP&Yxc81B3K~T4^ |
| (1 | , 1 | | Resending | 19 | 1036 | 5zbI0u]D+pW>&kR9~fM5 |
| (1 | , 1 | • | Received | 18 | 1035 | 4f=qGzP&Yxc81B3K~T4^ |
| (1 | , 1 | • | Sending Ack | 9025 | 18 | · |
| (1 | , 1 | | Received | 19 | 1036 | 5zbI0u]D+pW>&kR9~fM5 |
| (1 | , 1 | • | Sending Ack | 9026 | 19 | - F |
| ٠ | - | , | - | | | |

Simulator terminated at time 612.240853 after receiving 20 msgs at layer5 Simulator Analysis:

Number of messages sent from 5 to 4: 20

Number of messages received at Layer 5, side A: 0

Number of messages received at Layer 5, side B: 20

Number of messages incorrectly received at layer 5: 0

Number of packets entering the network: 56

Average number of packets already in network: 2.232

Number of packets that the network lost: 2 Number of packets that the network corrupted: 1

Number of packets that the network put out of order: 1