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---- Network Simulator Version 2.3 ------
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Enter the number of messages to simulate: Packet loss probability [enter number between 0.0 and 1.0]: Packet corruption probability [0.0 for no corruption]: Packet out-of-order probability [0.0 for no out-of-order]: Average time between messages from sender's layer5 [> 0.0]: Enter Level of tracing desired: Do you want actions randomized: (1 = yes, 0 = no)? Do you want Bidirectional: (1 = yes, 0 = no)? Input parameters:

Number of Messages = 100 Lost Packet Prob. = 0.500

Corrupt Packet Prob. = 0.500 Out Of Order Prob. = 0.500

Ave. time between messages = 10000.00 Trace level = 1

Randomize = 1 Bi-directional = 0

A: 12182.8495, Layer 5 to 4 Message = !fEVhy->Pbs'2J3m~2DU

A\_output is sending packet with data: !fEVhy->Pbs'2J3m~2DUÿ®

A\_timerinterrupt called, resending packet!

Sending ACK...

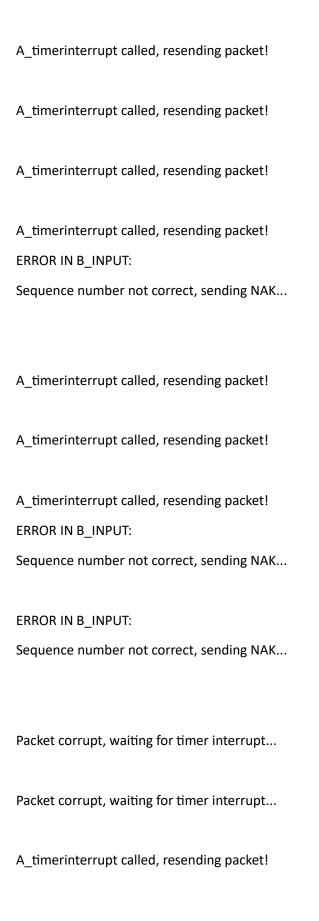
B: 12207.7219, Layer 4 to 5 Message = !fEVhy->Pbs'2J3m~2DU

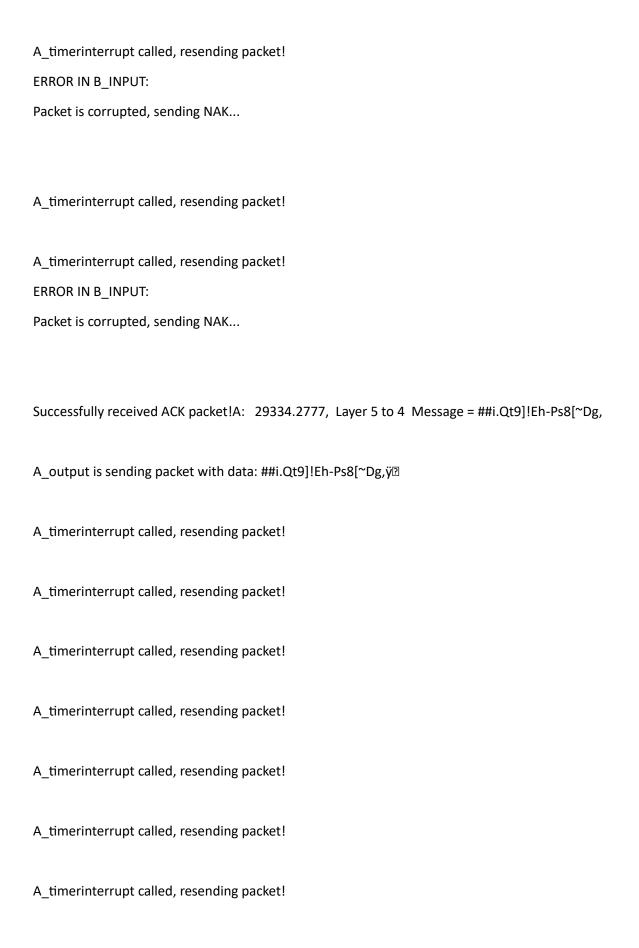
A\_timerinterrupt called, resending packet!

A\_timerinterrupt called, resending packet!

ERROR IN B\_INPUT:

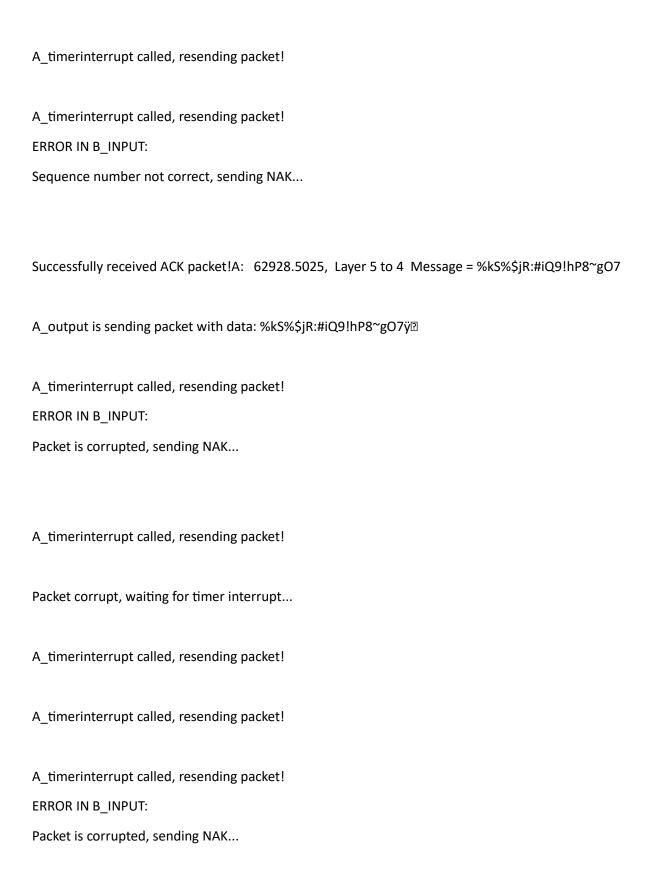
Packet is corrupted, sending NAK...



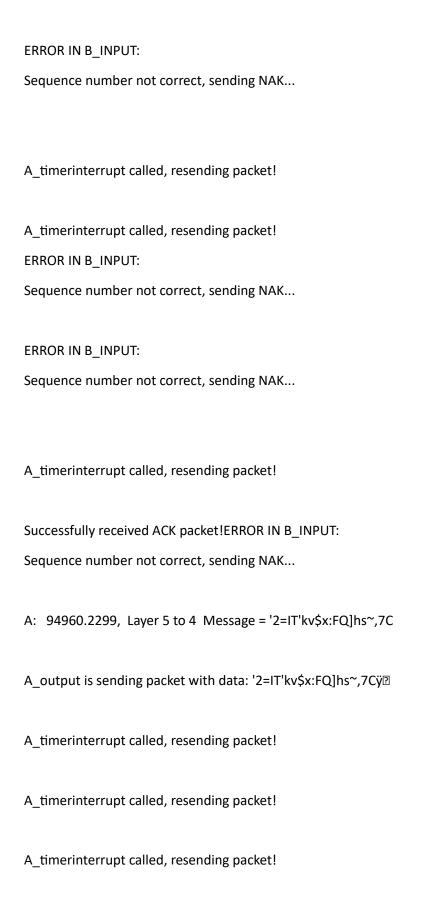


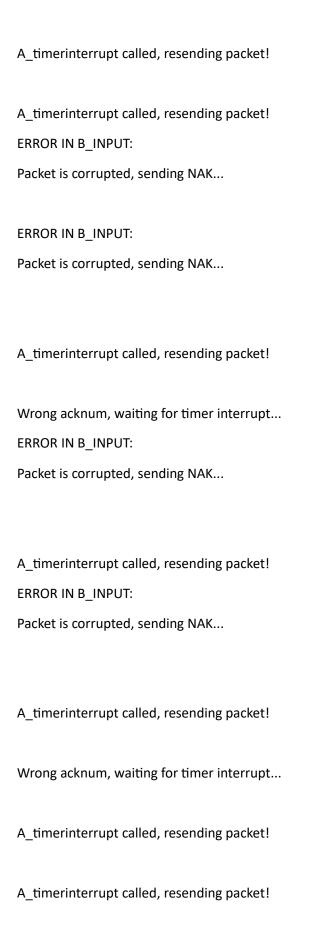
A\_timerinterrupt called, resending packet! Sending ACK... B: 29463.8027, Layer 4 to 5 Message = ##i.Qt9]!Eh-Ps8[~Dg, A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! Packet corrupt, waiting for timer interrupt... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK...

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ERROR IN B_INPUT:
Sequence number not correct, sending NAK...
A_timerinterrupt called, resending packet!
Successfully received ACK packet!A: 45626.6798, Layer 5 to 4 Message = $X$d:oFzQ(]3h>sJ~U,a
A_output is sending packet with data: $X$d:oFzQ(]3h>sJ~U,aÿ2
A_timerinterrupt called, resending packet!
Sending ACK...
B: 45655.3785, Layer 4 to 5 Message = $X$d:oFzQ(]3h>sJ~U,a
A_timerinterrupt called, resending packet!
ERROR IN B_INPUT:
Sequence number not correct, sending NAK...
Packet corrupt, waiting for timer interrupt...
A_timerinterrupt called, resending packet!
ERROR IN B_INPUT:
Sequence number not correct, sending NAK...
ERROR IN B_INPUT:
Packet is corrupted, sending NAK...
```



A\_timerinterrupt called, resending packet! Packet corrupt, waiting for timer interrupt... Sending ACK... B: 63025.4398, Layer 4 to 5 Message = %kS%\$jR:#iQ9!hP8~gO7 A\_timerinterrupt called, resending packet! Packet corrupt, waiting for timer interrupt... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... Successfully received ACK packet!A: 76300.3741, Layer 5 to 4 Message = &\wq&e\_XRLF?93-'~xrl A\_output is sending packet with data: &}wq&e\_XRLF?93-'~xrlÿ② Sending ACK... B: 76302.7621, Layer 4 to 5 Message = &}wq&e\_XRLF?93-'~xrl A\_timerinterrupt called, resending packet!





Sending ACK...

B: 95112.0449, Layer 4 to 5 Message = '2=I'Tkv\$x:FQ]hs~,7C

TOLAYER5: PANIC!! Data Received in this packet are wrong

A\_timerinterrupt called, resending packet!

ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...

A\_timerinterrupt called, resending packet!

ERROR IN B\_INPUT:

Packet is corrupted, sending NAK...

A\_timerinterrupt called, resending packet!

A\_timerinterrupt called, resending packet!

ERROR IN B\_INPUT:

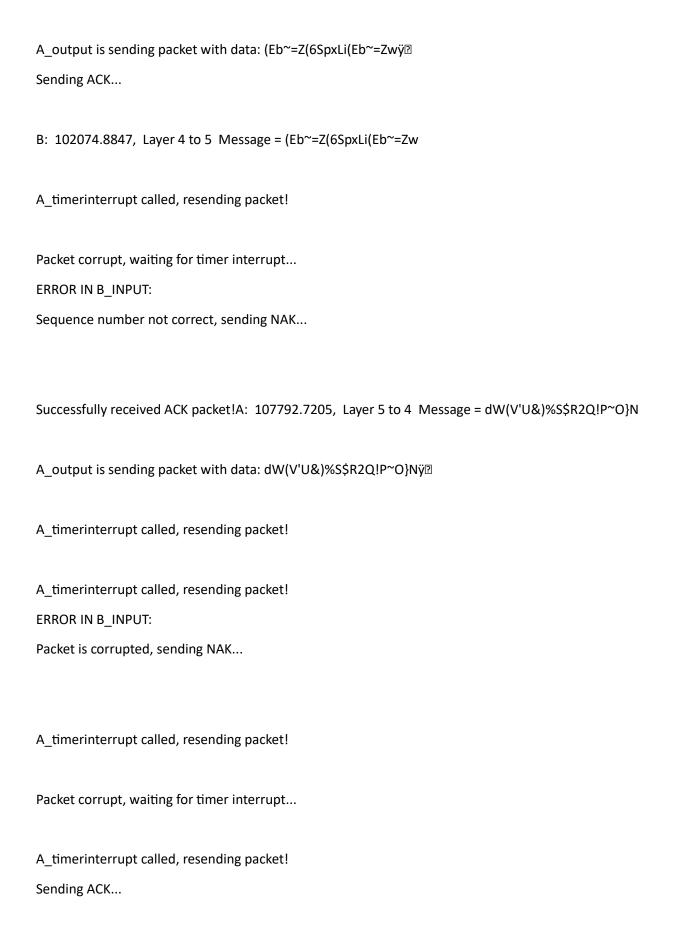
Sequence number not correct, sending NAK...

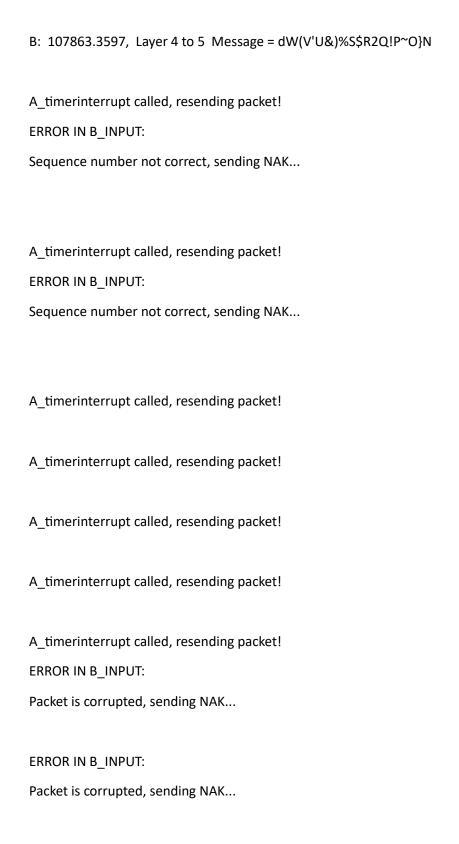
A\_timerinterrupt called, resending packet!

ERROR IN B\_INPUT:

Packet is corrupted, sending NAK...

Successfully received ACK packet!A: 102068.0497, Layer 5 to 4 Message = (Eb~=Z(6SpxLi(Eb~=Zw





A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Successfully received ACK packet!A: 115417.4288, Layer 5 to 4 Message = \*jL.nP2r\*6vX:z]>~aC% A\_output is sending packet with data: \*jL.nP2r\*6vX:z]>~aC%ÿ2 ERROR IN B\_INPUT: Packet is corrupted, sending NAK... A\_timerinterrupt called, resending packet! Wrong acknum, waiting for timer interrupt... Sending ACK... B: 115437.3321, Layer 4 to 5 Message = \*jL.nP2r%6vX:z]>~aC\* TOLAYER5: PANIC!! Data Received in this packet are wrong A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet!

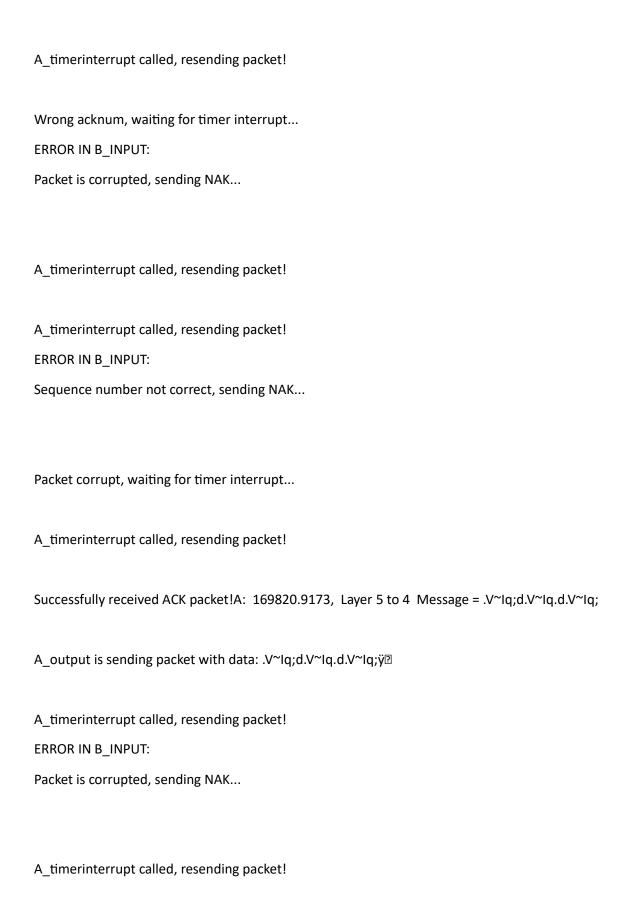
A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... Successfully received ACK packet!A: 130736.0317, Layer 5 to 4 Message = +fpdWK>2&+k\_RF3-~rfY A\_output is sending packet with data: +fpdWK>2&+k\_RF3-~rfYÿ2 A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! Sending ACK... B: 130769.7692, Layer 4 to 5 Message = +fpdWK>2&+k\_RF3-~rfY A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! Successfully received ACK packet!A: 138182.1055, Layer 5 to 4 Message = ,16;AFKPUZ,ejoty~&+0

A\_output is sending packet with data: ,16;AFKPUZ,ejoty~&+0ÿ<sup>2</sup> A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! Sending ACK... B: 138222.2736, Layer 4 to 5 Message = ,16;AFKPUZ,ejoty~&+0 A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK...

A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Wrong acknum, waiting for timer interrupt... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK...

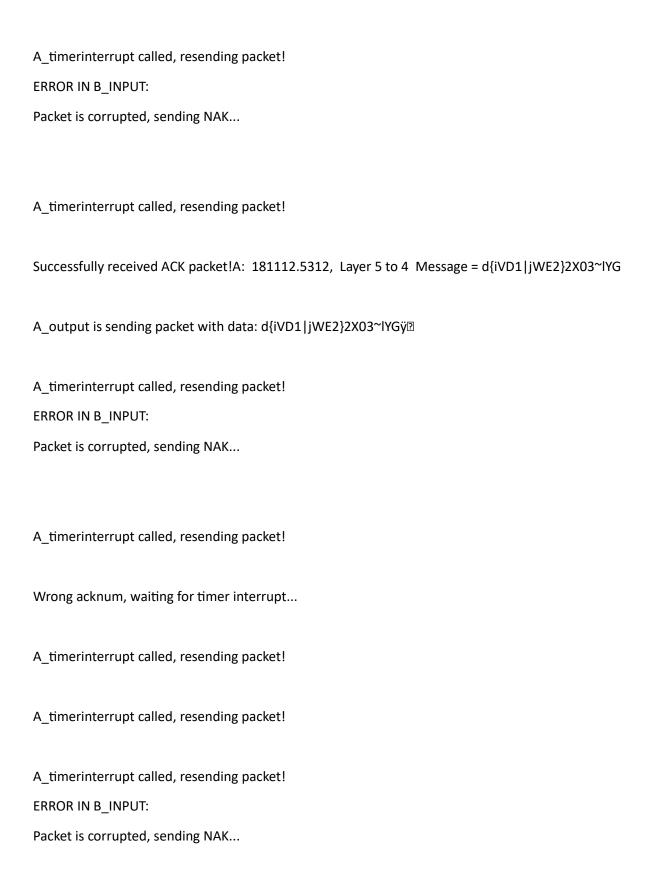
Packet corrupt, waiting for timer interrupt...

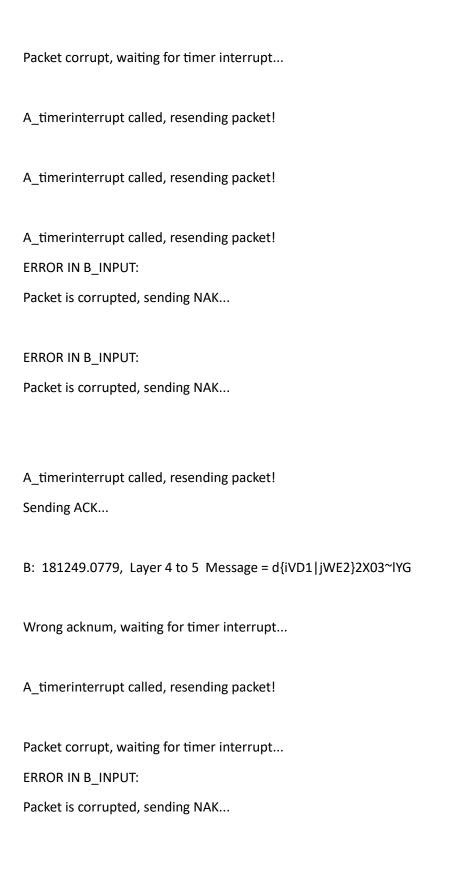
Successfully received ACK packet!A: 153156.9851, Layer 5 to 4 Message = -DZq\*AWn'=T-\$:Qh~7Ne A\_output is sending packet with data: -DZq\*AWn'=T-\$:Qh~7Neÿ® A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... Sending ACK... B: 153174.4126, Layer 4 to 5 Message = -QZq\*AWn'=T-\$:Dh~7Ne TOLAYER5: PANIC!! Data Received in this packet are wrong A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK...

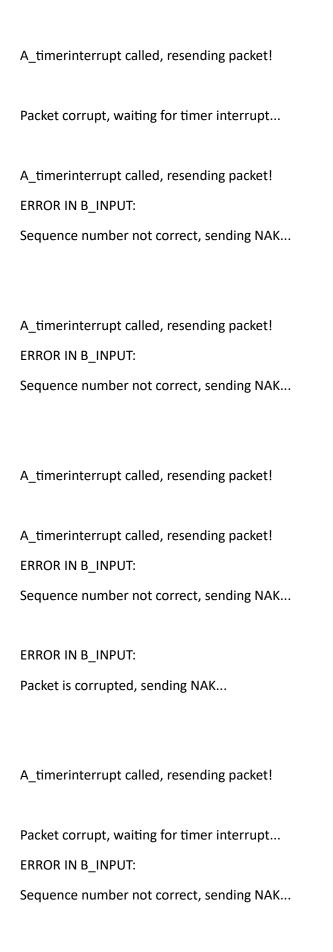


A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... Sending ACK... B: 169891.2451, Layer 4 to 5 Message =  $.V^{\sim}l$ ;qd. $V^{\sim}lq$ .d. $V^{\sim}lq$ ; TOLAYER5: PANIC!! Data Received in this packet are wrong A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! Packet corrupt, waiting for timer interrupt... ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! Successfully received ACK packet!A: 170142.1104, Layer 5 to 4 Message = xiE~Z6pL(b=wSxiE~Z6p A\_output is sending packet with data: xiE~Z6pL(b=wSxiE~Z6pÿ? Sending ACK...

B: 170148.2446, Layer 4 to 5 Message = xiE~Z6pL(b=wSxiE~Z6p







A\_timerinterrupt called, resending packet! Packet corrupt, waiting for timer interrupt... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... Successfully received ACK packet!A: 182721.0546, Layer 5 to 4 Message = 10x.-,+\*)('&%\$#1~}|{ A\_output is sending packet with data:  $10x.-,+*)('\&\%$#1^{}|{\ddot{y}}$ Sending ACK...

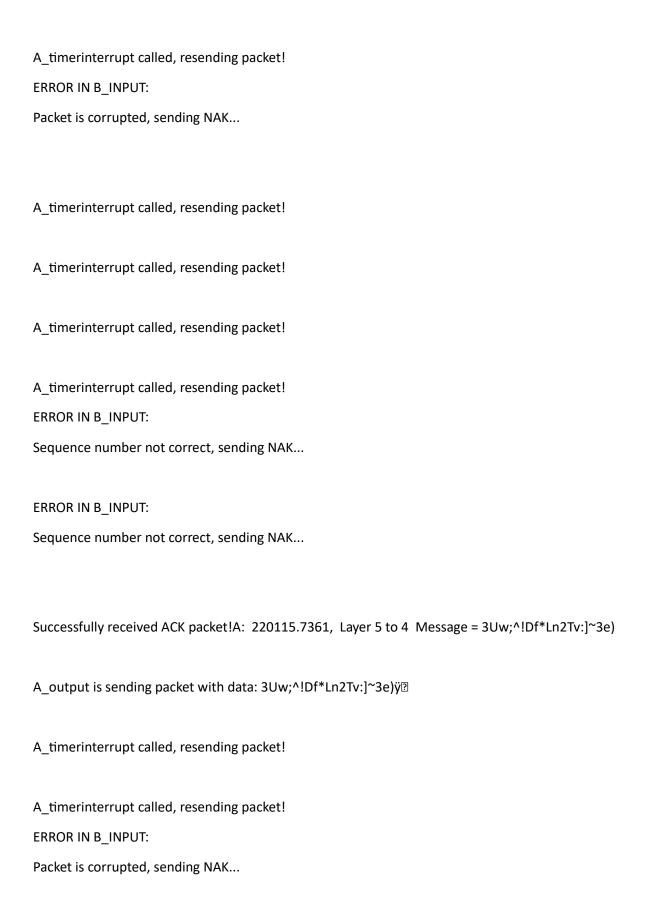
B: 182728.5261, Layer 4 to 5 Message =  $10x.-,+*)('\&\%$#1^{}]{$ 

Packet corrupt, waiting for timer interrupt... ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Successfully received ACK packet!A: 200392.0553, Layer 5 to 4 Message = 2CSdt'7HXiy,<M^n21BR A\_output is sending packet with data: 2CSdt'7HXiy,<M^n21BRÿ2 Sending ACK...

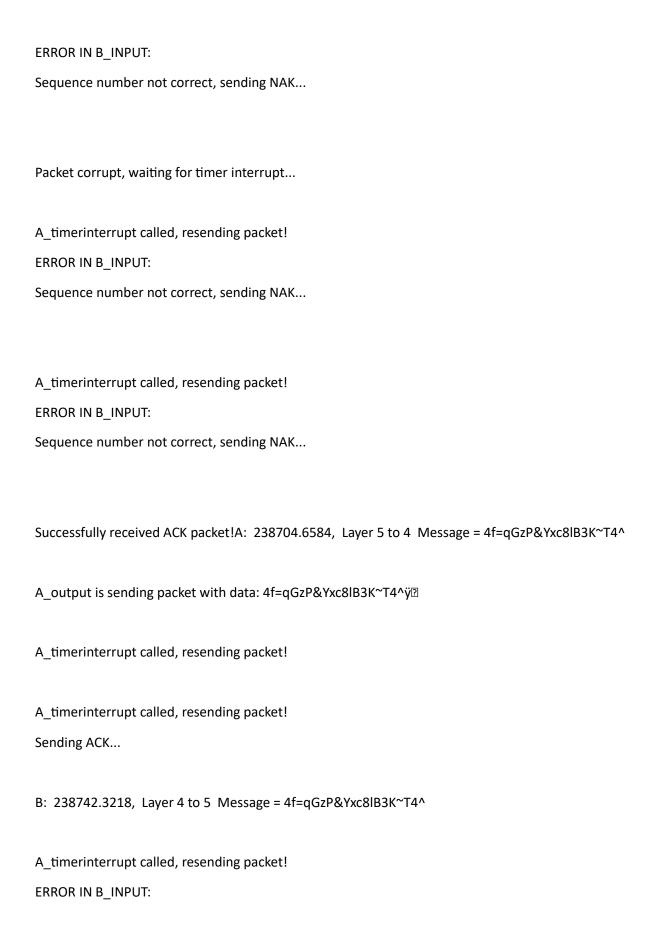
TOLAYER5: PANIC!! Data Received in this packet are wrong

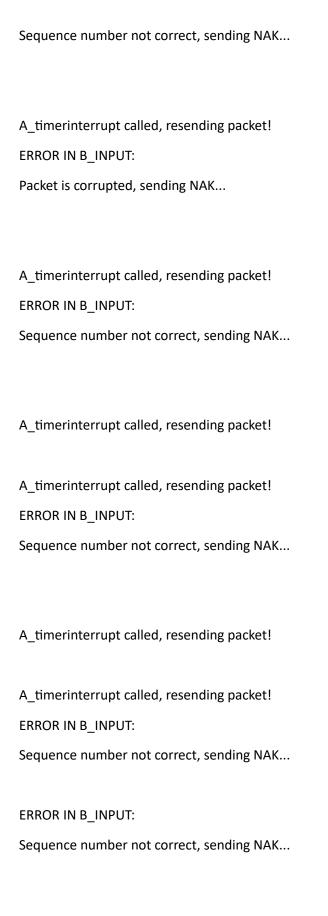
Packet corrupt, waiting for timer interrupt...

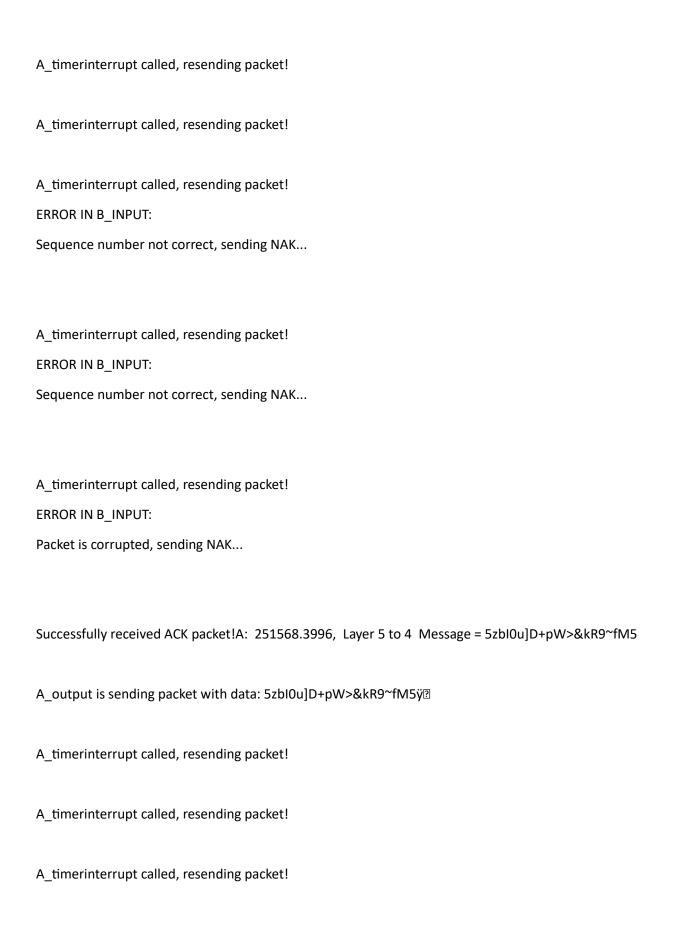
B: 200396.8521, Layer 4 to 5 Message = 2

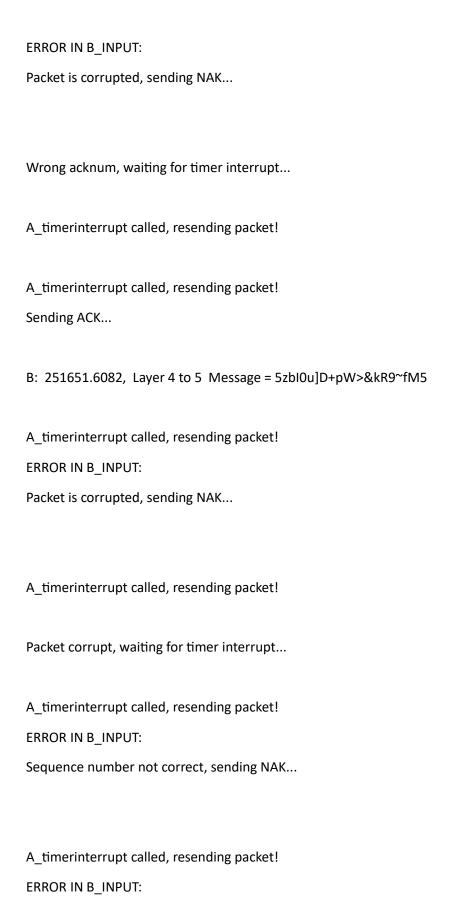


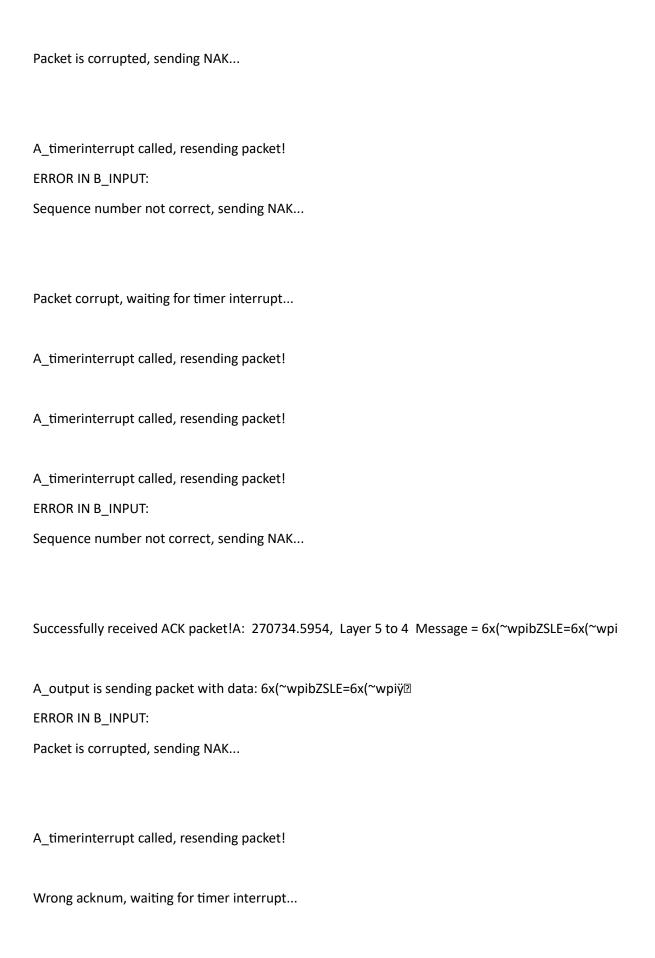
Packet corrupt, waiting for timer interrupt... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! Sending ACK... B: 220197.5461, Layer 4 to 5 Message = 3Uw;^!Df\*Ln2Tv:]~3e) A\_timerinterrupt called, resending packet! Packet corrupt, waiting for timer interrupt... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK...





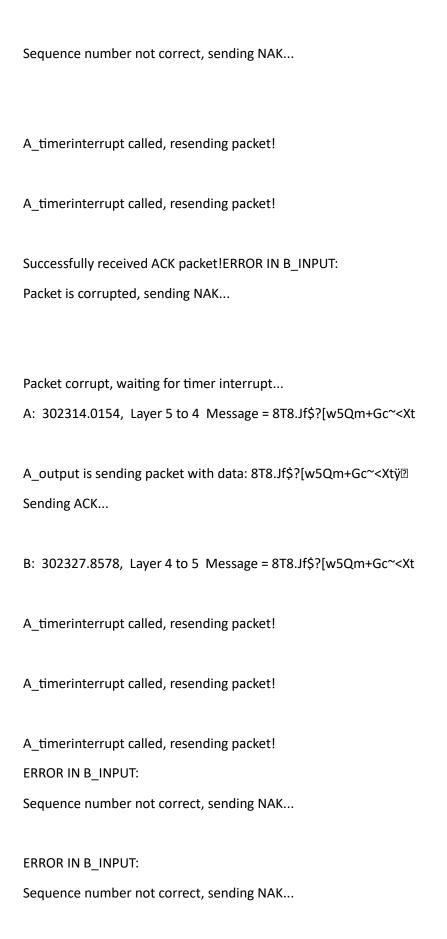




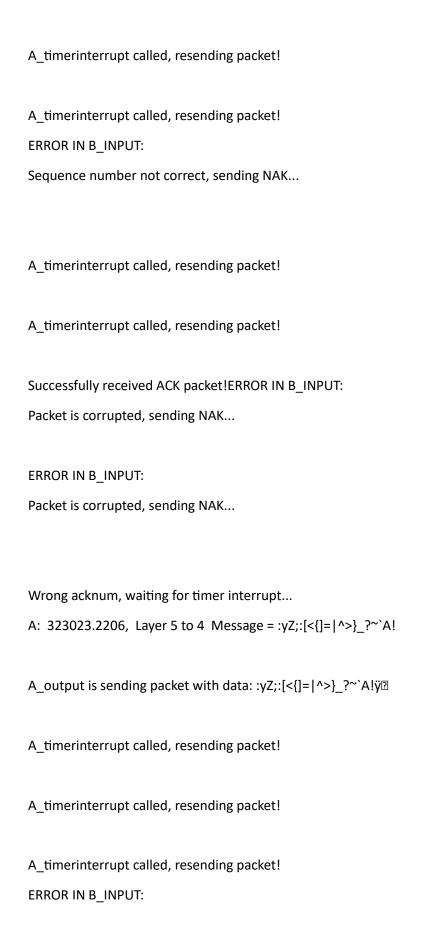


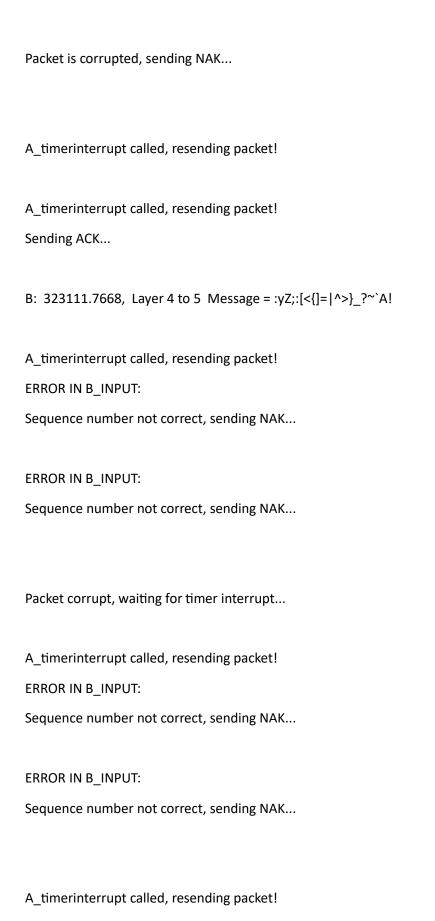
A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... A\_timerinterrupt called, resending packet! Packet corrupt, waiting for timer interrupt... Sending ACK... B: 270834.1887, Layer 4 to 5 Message = 6x(~wpibZSLE=6x(~wpi A\_timerinterrupt called, resending packet! Packet corrupt, waiting for timer interrupt... ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK...

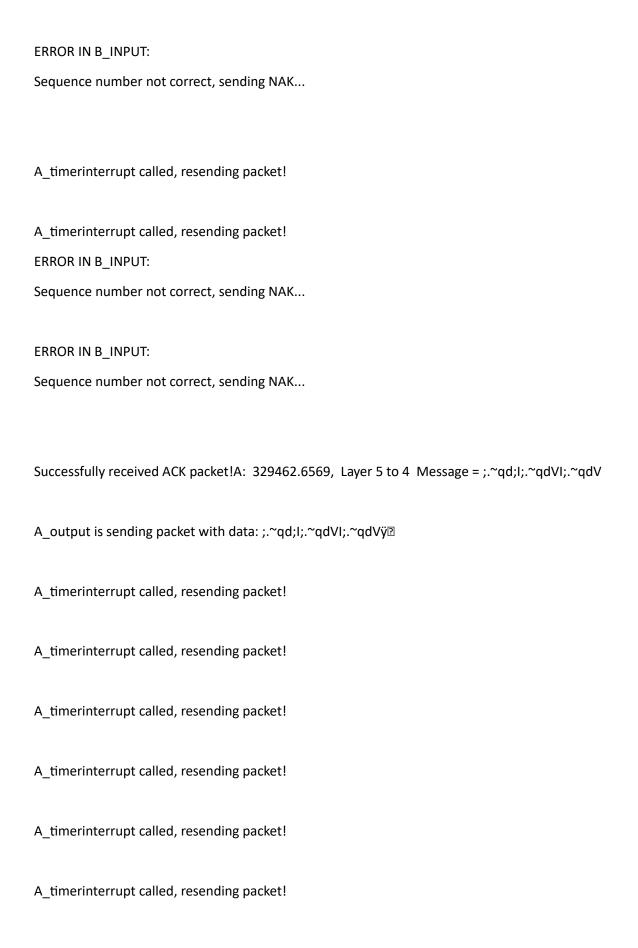
A\_timerinterrupt called, resending packet! Successfully received ACK packet!ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A: 287053.6608, Layer 5 to 4 Message = d7LVaku!,6AK2`jt~+5? A\_output is sending packet with data: d7LVaku!,6AK2`jt~+5?ÿ2 A\_timerinterrupt called, resending packet! Sending ACK... B: 287075.2744, Layer 4 to 5 Message = d7LVaku!,6AK2`jt~+5? A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT:



A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! Packet corrupt, waiting for timer interrupt... Successfully received ACK packet!ERROR IN B\_INPUT: Packet is corrupted, sending NAK... Packet corrupt, waiting for timer interrupt... A: 316998.2722, Layer 5 to 4 Message =  $9g693a0^-Z^*W^T^Q^N\{K\}$ A\_output is sending packet with data: 9g693a0^-Z\*W'T\$Q~N{Kÿ2 A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! Sending ACK... B: 317037.4103, Layer 4 to 5 Message =  $9g693a0^-Z^*W^T^Q^N\{K\}$ 







Sending ACK...

B: 329553.3488, Layer 4 to 5 Message = ;.~qd;I;.~qdVV;.~qdI

TOLAYER5: PANIC!! Data Received in this packet are wrong

Packet corrupt, waiting for timer interrupt...

A\_timerinterrupt called, resending packet!

ERROR IN B\_INPUT:

Packet is corrupted, sending NAK...

A\_timerinterrupt called, resending packet!

Successfully received ACK packet!ERROR IN B\_INPUT:

Packet is corrupted, sending NAK...

Wrong acknum, waiting for timer interrupt...

A: 333374.2636, Layer 5 to 4 Message = <AEIMQ<Y^bfjnrvz~%)-

A\_output is sending packet with data: <AEIMQ<Y^bfjnrvz~%)-ÿ2

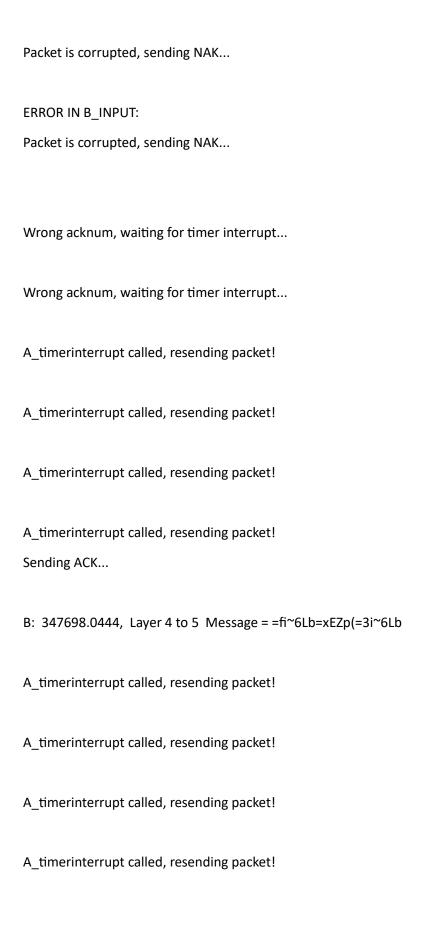
A\_timerinterrupt called, resending packet!

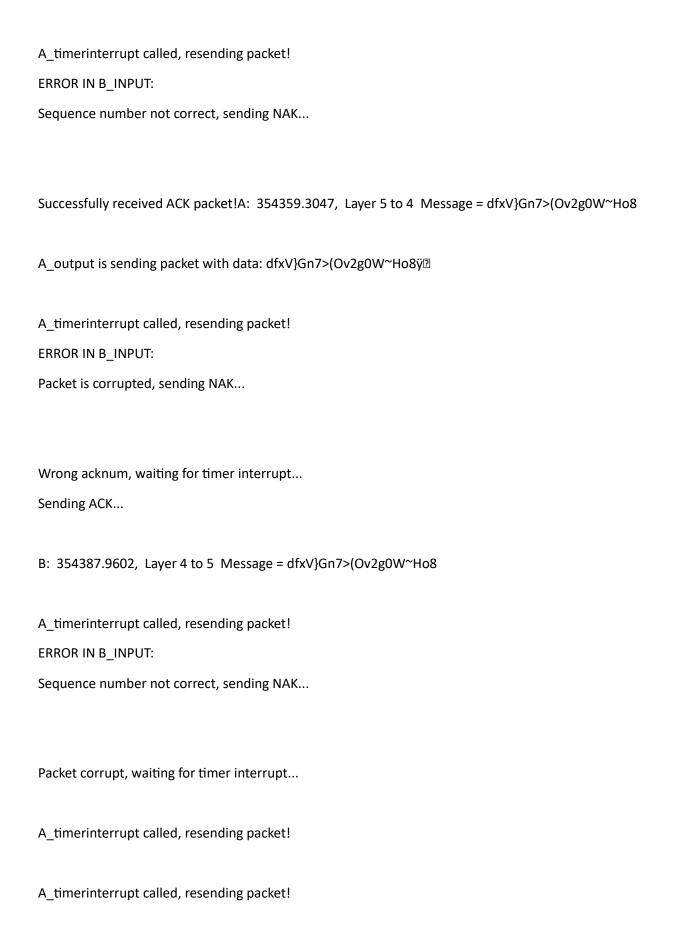
A\_timerinterrupt called, resending packet!

A\_timerinterrupt called, resending packet!

Sending ACK...

B: 333419.4985, Layer 4 to 5 Message = <AEIMQ<Y^bfjnrvz~%)-A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! Successfully received ACK packet!A: 347617.3115, Layer 5 to 4 Message = =fi~6Lb=xEZp(=3i~6Lb A\_output is sending packet with data: =fi~6Lb=xEZp(=3i~6Lbÿ2 A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT:





Successfully received ACK packet!A: 371475.8612, Layer 5 to 4 Message = ?xS.gBzU0?D|W2kF~Y4m

A\_output is sending packet with data: ?xS.gBzU0?D|W2kF~Y4mÿ® Sending ACK...

B: 371477.6426, Layer 4 to 5 Message = ?xS.gBzU0?D|W2kF~m4Y

TOLAYER5: PANIC!! Data Received in this packet are wrong

A\_timerinterrupt called, resending packet!

A\_timerinterrupt called, resending packet!

ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...

A\_timerinterrupt called, resending packet!

Successfully received ACK packet!A: 372903.6509, Layer 5 to 4 Message = A-wdP<)s`LA%o[H4~kWD

A\_output is sending packet with data: A-wdP<)s`LA%o[H4~kWDÿ2 Sending ACK...

B: 372914.5496, Layer 4 to 5 Message = A-wdP<)s`LA%o[H4~kWD

A\_timerinterrupt called, resending packet!

ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...

Successfully received ACK packet!A: 392345.5301, Layer 5 to 4 Message = B?=;97531x-B)'%#~|zx

A\_output is sending packet with data: B?=;97531x-B)'%#~|zxÿ® Sending ACK...

B: 392354.2643, Layer 4 to 5 Message = B?=;97531x-B)'%#~|zx

Printing the contents of the Simulation Event Q

Event Time = 392360.530 A: Timer

Event Time = 407423.540 A: LAYER 5

Packet corrupt, waiting for timer interrupt...

Printing the contents of the Simulation Event Q

Event Time = 407423.540 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 407423.540 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 407423.540 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 407423.540 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 407423.540 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 392435.530 A: Timer

Event Time = 407423.540 A: LAYER 5

ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...

Printing the contents of the Simulation Event Q

Event Time = 407423.540 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 392450.530 A: Timer

Event Time = 407423.540 A: LAYER 5

ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...

Printing the contents of the Simulation Event Q

Event Time = 392450.530 A: Timer

Event Time = 407423.540 A: LAYER 5

Packet corrupt, waiting for timer interrupt...

Printing the contents of the Simulation Event Q

Event Time = 407423.540 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 407423.540 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 407423.540 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 392495.530 A: Timer

Event Time = 407423.540 A: LAYER 5

ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...

Printing the contents of the Simulation Event Q

Event Time = 392495.530 A: Timer

Event Time = 407423.540 A: LAYER 5

Successfully received ACK packet!

Printing the contents of the Simulation Event Q

A: 407423.5398, Layer 5 to 4 Message = CRbq#2BQap!1CP`o~0?O

A\_output is sending packet with data: CRbq#2BQap!1CP`o~0?Oÿ®

Printing the contents of the Simulation Event Q

Event Time = 407438.540 A: Timer

Event Time = 426537.689 A: LAYER 5

Sending ACK...

B: 407435.5501, Layer 4 to 5 Message = CRbq#~BQap!1CP`o20?O TOLAYER5: PANIC!! Data Received in this packet are wrong A\_timerinterrupt called, resending packet! Packet corrupt, waiting for timer interrupt... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Packet corrupt, waiting for timer interrupt... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... ERROR IN B\_INPUT: Sequence number not correct, sending NAK...

A\_timerinterrupt called, resending packet!

ERROR IN B\_INPUT:

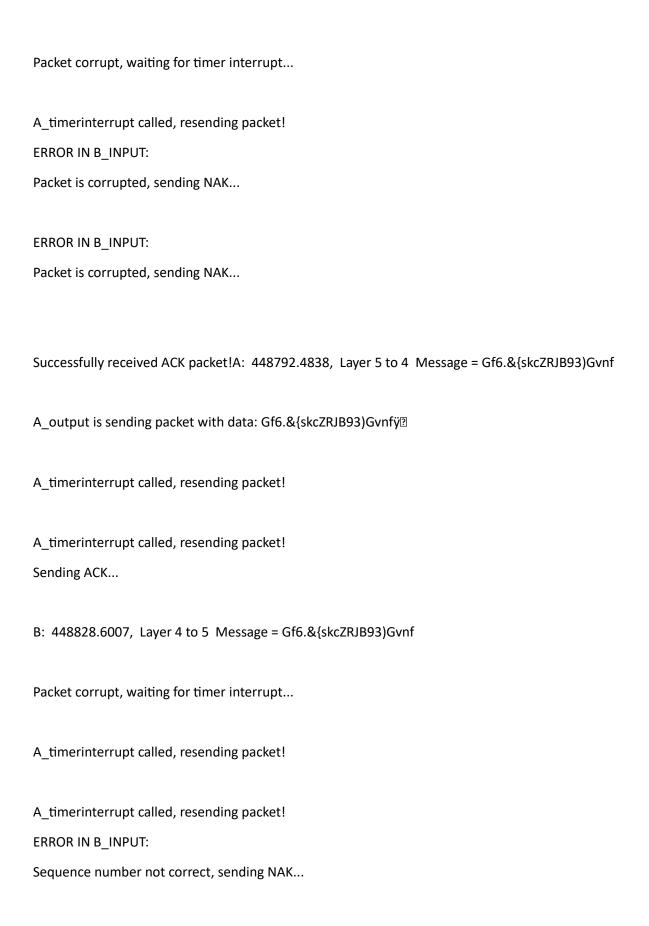
Sequence number not correct, sending NAK...

A\_timerinterrupt called, resending packet! Successfully received ACK packet! Packet corrupt, waiting for timer interrupt... ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Wrong acknum, waiting for timer interrupt... A: 426537.6892, Layer 5 to 4 Message =  $De(Ij-No2St7XD<^{\sim}Bc\&$ A\_output is sending packet with data: De(Ij-No2St7XD<^~Bc&ÿ② A\_timerinterrupt called, resending packet! Sending ACK... B: 426561.8932, Layer 4 to 5 Message = De(Ij-No2St7XD<^~Bc& A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Packet corrupt, waiting for timer interrupt... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT:



A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! Sending ACK... B: 433144.8464, Layer 4 to 5 Message = EwL~S(Zxb6i=pEEL~S(Z Packet corrupt, waiting for timer interrupt... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Successfully received ACK packet!A: 438590.7996, Layer 5 to 4 Message = d,pV<#gM3w^D2nTF~eK1 A\_output is sending packet with data: d,pV<#gM3w^D2nTF~eK1ÿ2 A\_timerinterrupt called, resending packet! Sending ACK... B: 438611.3691, Layer 4 to 5 Message = d,pV<#gM3w^D2nTF~eK1

A\_timerinterrupt called, resending packet!



A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK...

Successfully received ACK packet!

Packet corrupt, waiting for timer interrupt... A: 453755.9806, Layer 5 to 4 Message = HQZdmv!+4=GPYclu~H3< A\_output is sending packet with data: HQZdmv!+4=GPYclu~H3<ÿ2 A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Wrong acknum, waiting for timer interrupt... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! Sending ACK... B: 453811.6321, Layer 4 to 5 Message = HQZdml!+4=GPYcvu~H3< TOLAYER5: PANIC!! Data Received in this packet are wrong A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... ERROR IN B\_INPUT: Packet is corrupted, sending NAK...

A\_timerinterrupt called, resending packet! Successfully received ACK packet!A: 466599.7457, Layer 5 to 4 Message = Id~;Vq.Id~;Vq.Id~;Iq A\_output is sending packet with data: Id~;Vq.Id~;Vq.Id~;Iqÿ? A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... A\_timerinterrupt called, resending packet! Wrong acknum, waiting for timer interrupt... A\_timerinterrupt called, resending packet! Sending ACK... B: 466649.7682, Layer 4 to 5 Message = Id~;Vq.Id~;Vq.Id~;Iq A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK...

A\_timerinterrupt called, resending packet!

Sequence number not correct, sending NAK...

ERROR IN B\_INPUT:

Successfully received ACK packet!

Wrong acknum, waiting for timer interrupt...

A: 482102.0708, Layer 5 to 4 Message = JvEq?l:g5b0]+W&R~MyJ

A\_output is sending packet with data: JvEq?I:g5b0]+W&R~MyJÿ®

A\_timerinterrupt called, resending packet!

A\_timerinterrupt called, resending packet!
Sending ACK...

B: 482144.9984, Layer 4 to 5 Message = JvEq?l:g5b0]+W&R~MyJ

A\_timerinterrupt called, resending packet!

A\_timerinterrupt called, resending packet!

A\_timerinterrupt called, resending packet!

A\_timerinterrupt called, resending packet!

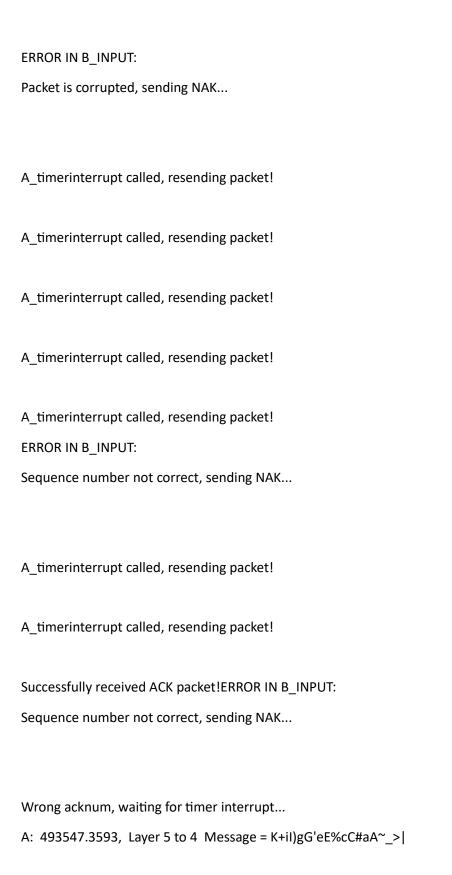
ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...

A\_timerinterrupt called, resending packet!

ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...



A\_output is sending packet with data: K+iI)gG'eE%cC#aA~\_>|ÿ $\@ifnextcolorer{\mathbb{Z}}$  Sending ACK...

B: 493549.2166, Layer 4 to 5 Message = K+iI)gG'eE%cC#aA~\_>|

A\_timerinterrupt called, resending packet!

A\_timerinterrupt called, resending packet!

A\_timerinterrupt called, resending packet!

A\_timerinterrupt called, resending packet!

ERROR IN B\_INPUT:

Packet is corrupted, sending NAK...

Successfully received ACK packet!ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...

Packet corrupt, waiting for timer interrupt...

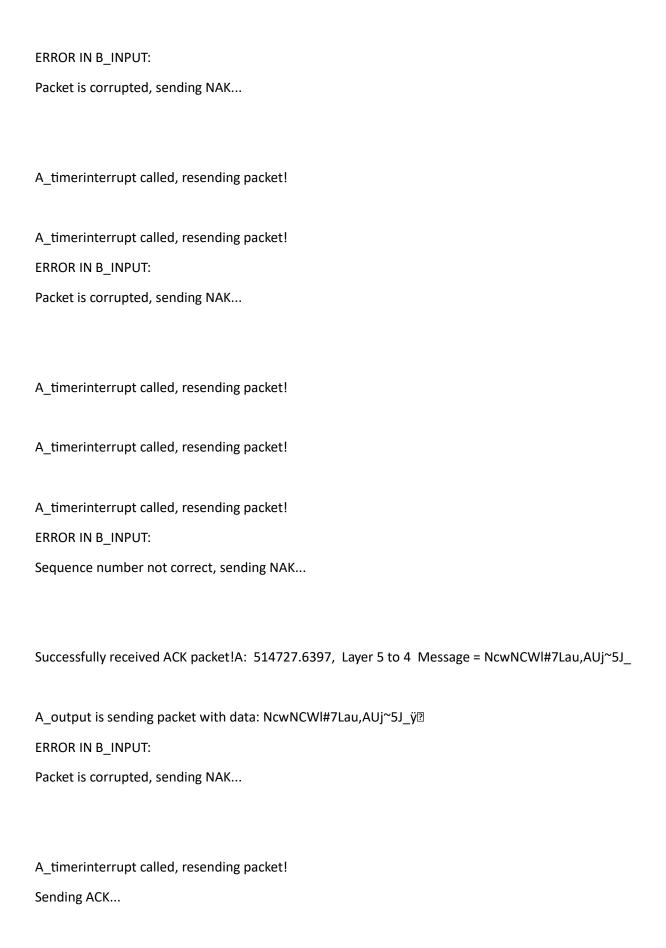
A: 494482.4578, Layer 5 to 4 Message =  $LLx^pbSE6$ (wiZL= $x^pbS$ 

A\_output is sending packet with data: LLx~pbSE6(wiZL=x~pbSÿ2 Sending ACK...

B: 494484.8293, Layer 4 to 5 Message = LLx~pbZE6(wiSL=x~pbS

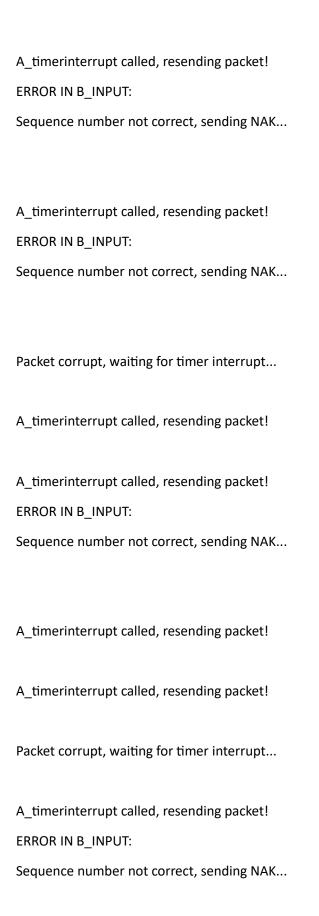
TOLAYER5: PANIC!! Data Received in this packet are wrong

A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Successfully received ACK packet!ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Wrong acknum, waiting for timer interrupt... A: 503640.0899, Layer 5 to 4 Message = dPMVY]`cfilo2ux{~\$'\* A\_output is sending packet with data: dPMVY]`cfilo2ux{~\$'\*ÿ? A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... Sending ACK... B: 503682.9446, Layer 4 to 5 Message = dPMVY]`cfilo2ux{~\$'\* A\_timerinterrupt called, resending packet! Packet corrupt, waiting for timer interrupt...



B: 514749.1991, Layer 4 to 5 Message = NcwNCWl#7Lau,AUj~5J\_ A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Successfully received ACK packet!A: 529429.3037, Layer 5 to 4 Message = Ou=dORxAgxU{Dj2X~Gm5 A\_output is sending packet with data: Ou=dORxAgxU{Dj2X~Gm5ÿ2 A\_timerinterrupt called, resending packet! Sending ACK... B: 529448.8543, Layer 4 to 5 Message = Ou=dORxAgxU{Dj2X~Gm5

Packet corrupt, waiting for timer interrupt...



Successfully received ACK packet!ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...

Wrong acknum, waiting for timer interrupt...

A: 532196.6820, Layer 5 to 4 Message = Pfb;sP'\_8pJ\$[53G~X2j

A\_output is sending packet with data: Pfb;sP'\_8pJ\$[53G~X2jÿ2]

A\_timerinterrupt called, resending packet!

ERROR IN B\_INPUT:

Packet is corrupted, sending NAK...

 $A\_timerinterrupt\ called,\ resending\ packet!$ 

Sending ACK...

B: 532232.5714, Layer 4 to 5 Message = Pfb;sP'28pJ\$[53G~X\_j

TOLAYER5: PANIC!! Data Received in this packet are wrong

A\_timerinterrupt called, resending packet!

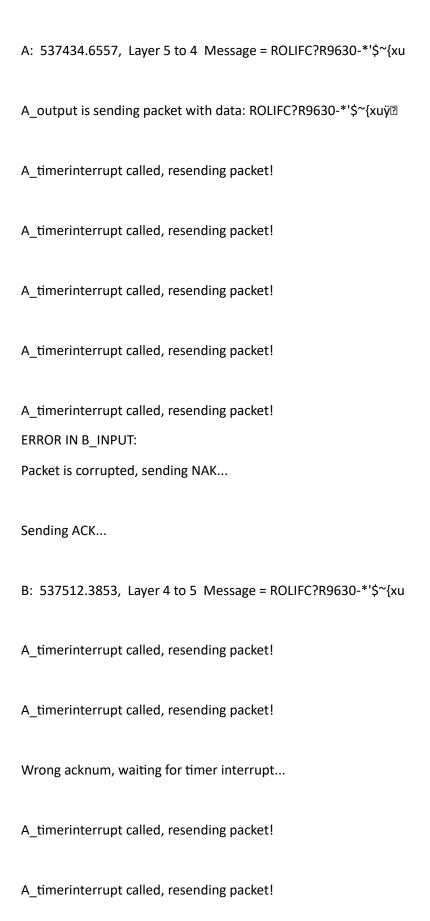
ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...

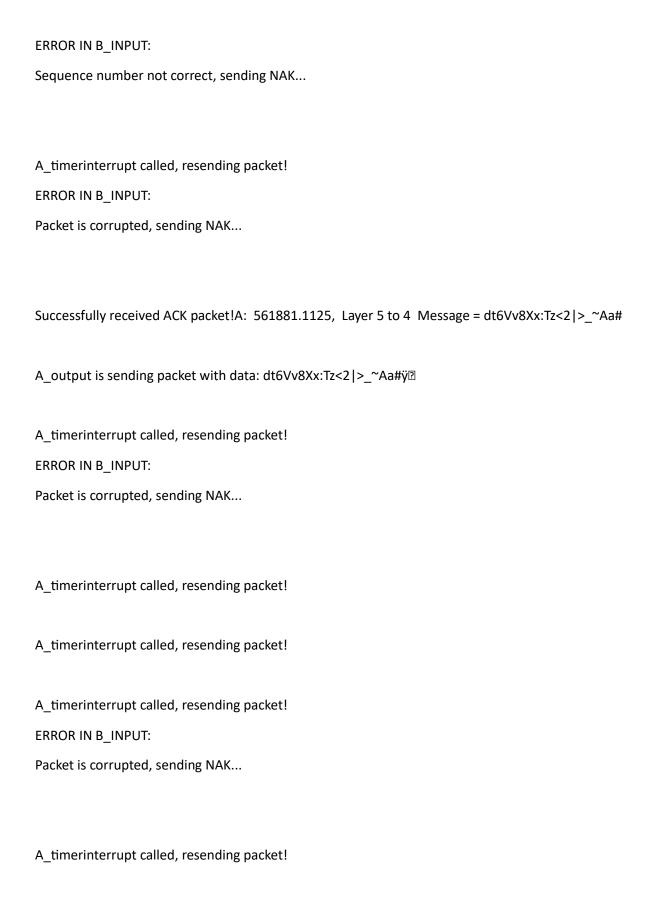
A\_timerinterrupt called, resending packet!

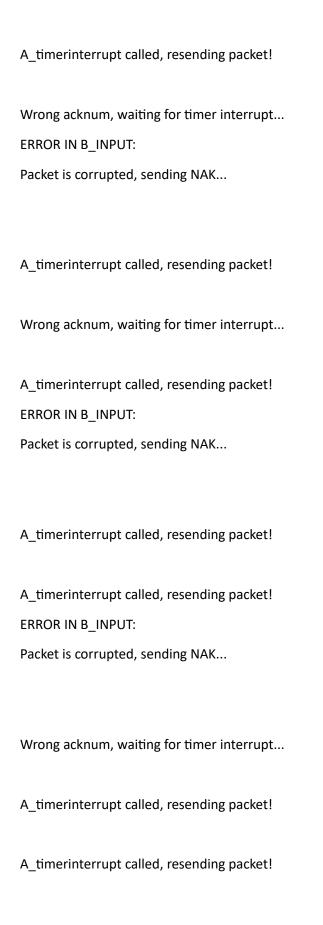
A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK...

A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Successfully received ACK packet!A: 533682.3805, Layer 5 to 4 Message =  $Q<(q]HQ|hS>*s_J5~jUA$ A\_output is sending packet with data: Q<(q]HQ|hS>\*s\_J5~jUAÿ® A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! Sending ACK... B: 533719.1458, Layer 4 to 5 Message =  $Q<(q]HQ|hS>*s_J5~jUA$ Packet corrupt, waiting for timer interrupt... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! Successfully received ACK packet!ERROR IN B\_INPUT: Sequence number not correct, sending NAK...



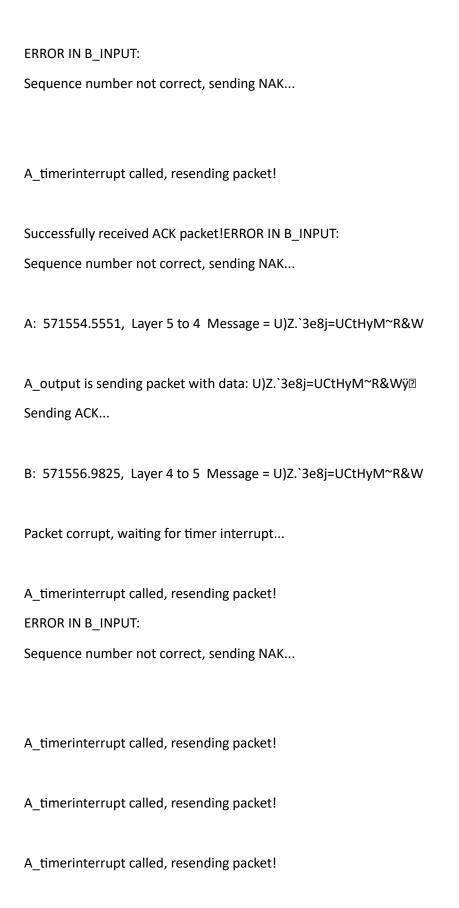
A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Successfully received ACK packet!A: 551606.2006, Layer 5 to 4 Message = Sbp~x=LZSw(6ESbp~x=L A\_output is sending packet with data: Sbp~x=LZSw(6ESbp~x=Lÿ? Sending ACK... B: 551614.5415, Layer 4 to 5 Message = Sbp~x=LZSw(6ESbp~x=L A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! Packet corrupt, waiting for timer interrupt... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet!





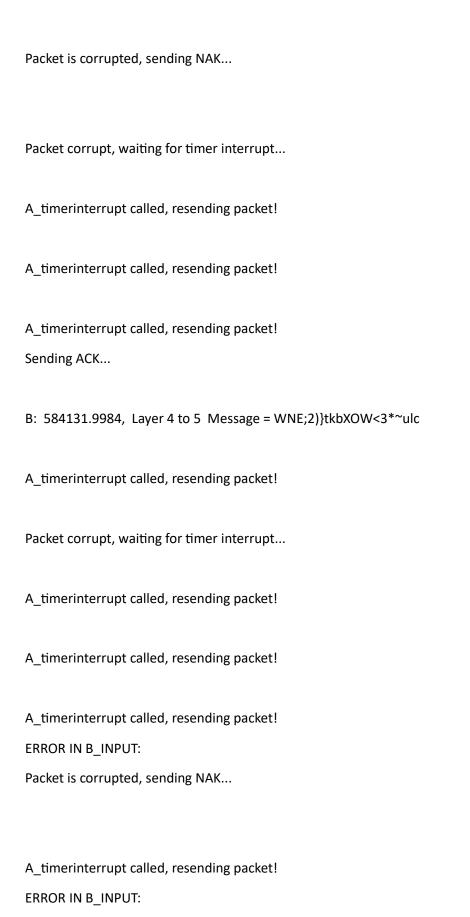
A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... A\_timerinterrupt called, resending packet! Wrong acknum, waiting for timer interrupt... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... ERROR IN B\_INPUT: Packet is corrupted, sending NAK...

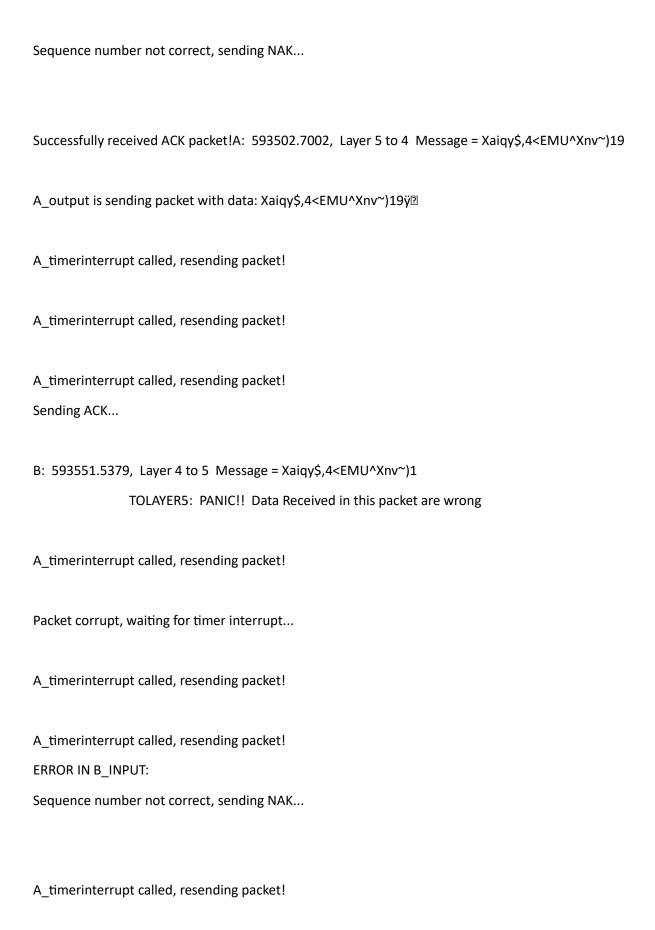
Wrong acknum, waiting for timer interrupt... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! Sending ACK... B: 562242.3550, Layer 4 to 5 Message = dt6Vv8Xx:Tz<2|>\_~Aa# A\_timerinterrupt called, resending packet! Packet corrupt, waiting for timer interrupt... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK...

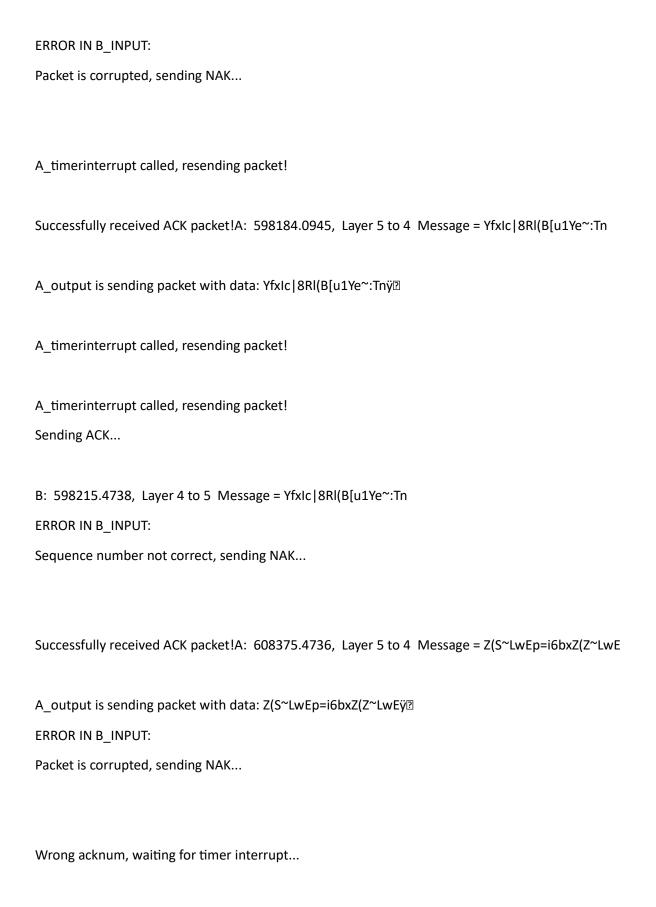




A\_timerinterrupt called, resending packet! Sending ACK... B: 582241.4848, Layer 4 to 5 Message = V;~dl.qV;~dV.qV;~dl. Packet corrupt, waiting for timer interrupt... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Successfully received ACK packet! Wrong acknum, waiting for timer interrupt... A: 584032.6853, Layer 5 to 4 Message = WNE;2)}tkbXOW<3\*~ulc A\_output is sending packet with data: WNE;2)}tkbXOW<3\*~ulcÿ? A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT:

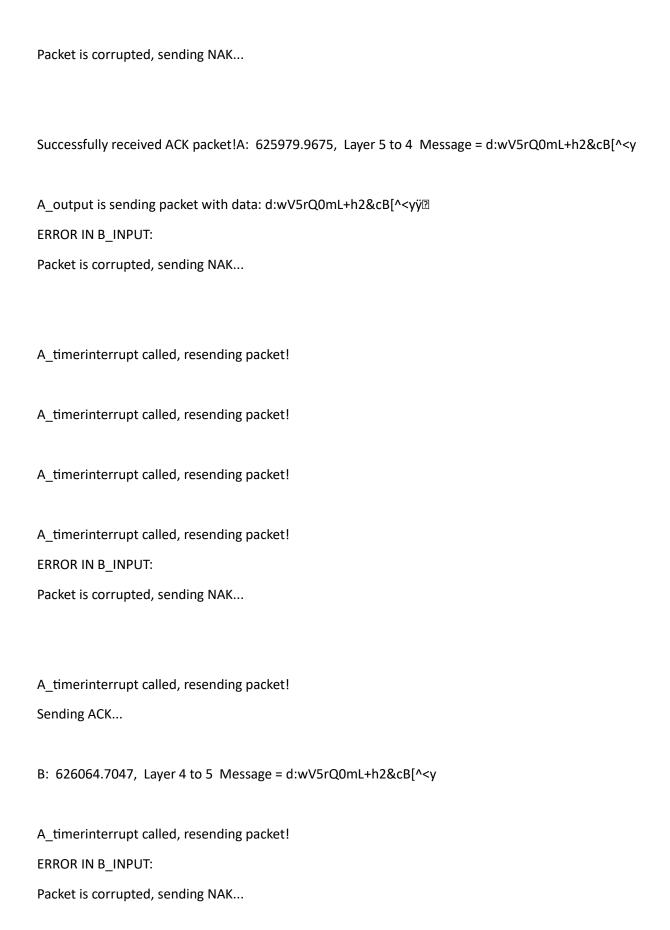




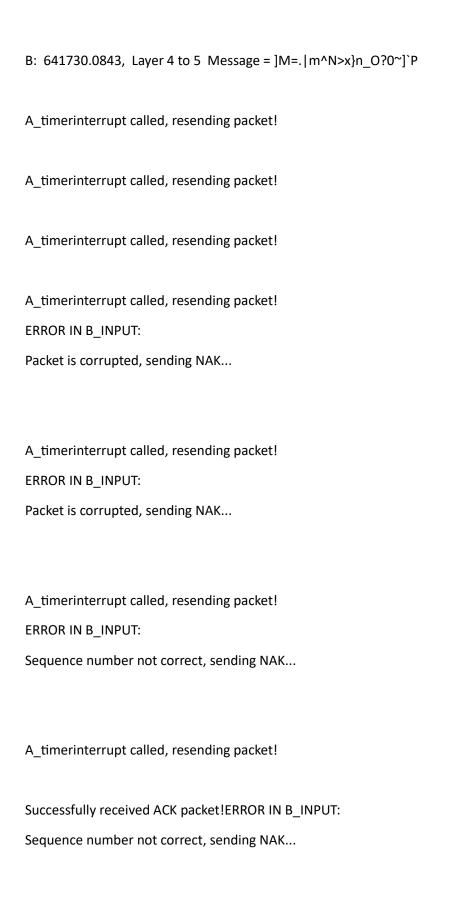


```
A_timerinterrupt called, resending packet!
A_timerinterrupt called, resending packet!
Sending ACK...
B: 608412.1216, Layer 4 to 5 Message = Z(S~LwEp=i6bxZ(Z~LwE
A_timerinterrupt called, resending packet!
A_timerinterrupt called, resending packet!
ERROR IN B_INPUT:
Sequence number not correct, sending NAK...
Packet corrupt, waiting for timer interrupt...
A_timerinterrupt called, resending packet!
A_timerinterrupt called, resending packet!
ERROR IN B_INPUT:
Sequence number not correct, sending NAK...
ERROR IN B_INPUT:
Sequence number not correct, sending NAK...
A_timerinterrupt called, resending packet!
A_timerinterrupt called, resending packet!
```

A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT:



A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! Successfully received ACK packet!ERROR IN B\_INPUT: Packet is corrupted, sending NAK... Wrong acknum, waiting for timer interrupt... A: 641700.6793, Layer 5 to 4 Message =  $]M=.|m^N>x]n_O?0^{"}$ P A\_output is sending packet with data: ]M=.|m^N>x}n\_O?0~]`Pÿ® A\_timerinterrupt called, resending packet! Sending ACK...



Wrong acknum, waiting for timer interrupt...

A: 655639.1987, Layer 5 to 4 Message = ^`bdfhjlnprtvxz|~#^'

A\_output is sending packet with data: ^`bdfhjlnprtvxz|~#^'ÿ®

A\_timerinterrupt called, resending packet!

A\_timerinterrupt called, resending packet!
Sending ACK...

B: 655675.1880, Layer 4 to 5 Message = ^`bdfhjlnprtvxz|~#^' ERROR IN B\_INPUT:

Packet is corrupted, sending NAK...

A\_timerinterrupt called, resending packet!

ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...

Successfully received ACK packet!

Wrong acknum, waiting for timer interrupt...

A: 667234.8435, Layer 5 to 4 Message =  $_r(;Ocv,?Sgz0DWk^4H__$ 

A\_output is sending packet with data: \_r(;Ocv,?Sgz0DWk~4H\_ÿ® Sending ACK...

B: 667244.3841, Layer 4 to 5 Message = Sr(;Ocv,?\_gz0DWk~4H\_

## TOLAYER5: PANIC!! Data Received in this packet are wrong

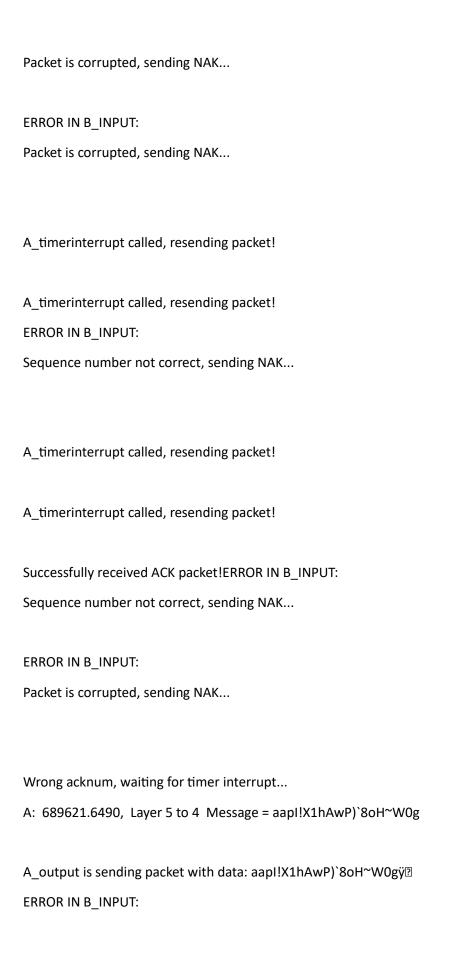
A_timerinterrupt called, resending packet!
Packet corrupt, waiting for timer interrupt
A_timerinterrupt called, resending packet!
A_timerinterrupt called, resending packet!
ERROR IN B_INPUT:
Sequence number not correct, sending NAK
A_timerinterrupt called, resending packet!
A_timerinterrupt called, resending packet!
A_timerinterrupt called, resending packet!
ERROR IN B_INPUT:
Sequence number not correct, sending NAK
A_timerinterrupt called, resending packet!
ERROR IN B_INPUT:
Sequence number not correct, sending NAK

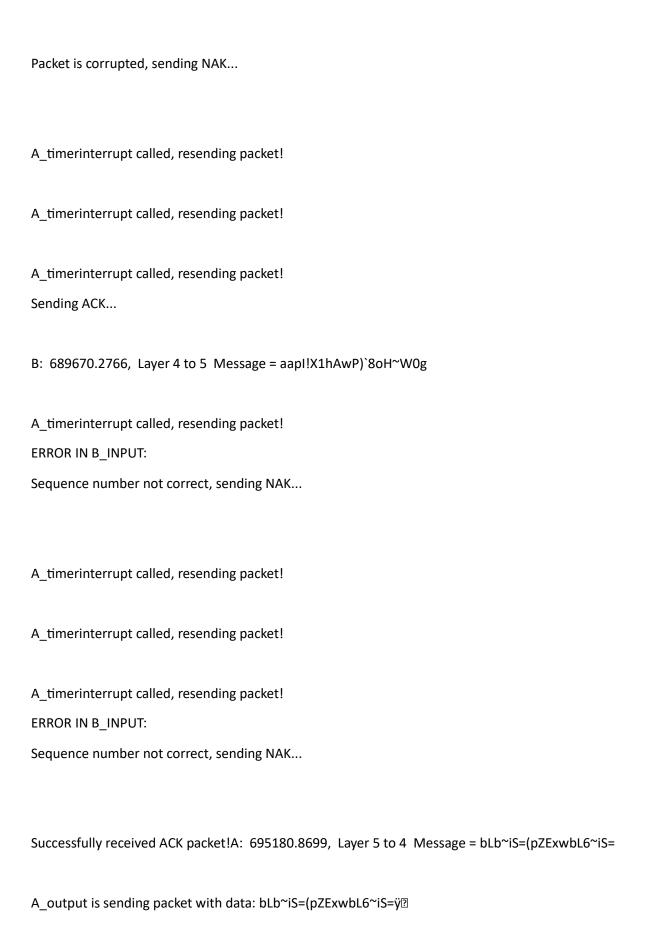
Successfully received ACK packet!A: 675122.8378, Layer 5 to 4 Message = `'Lq8^%Jo6[#Hm4Y~Fk2

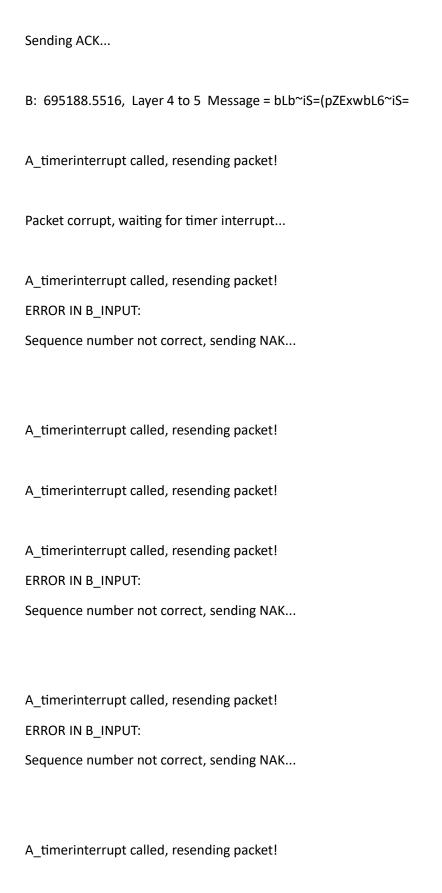
A\_output is sending packet with data: `'Lq8^%Jo6[#Hm4Y~Fk2ÿ® A\_timerinterrupt called, resending packet! Sending ACK... B: 675147.5140, Layer 4 to 5 Message = `'Lq8^%Jo6[#Hm4Y~Fk2 A\_timerinterrupt called, resending packet! Packet corrupt, waiting for timer interrupt... ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Packet corrupt, waiting for timer interrupt... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet!

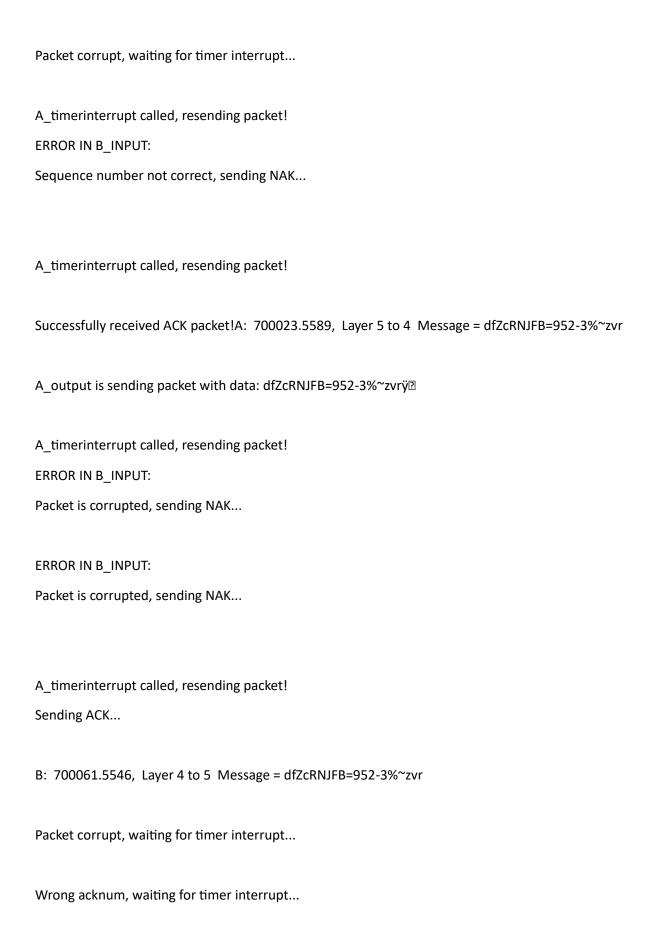
Packet corrupt, waiting for timer interrupt...

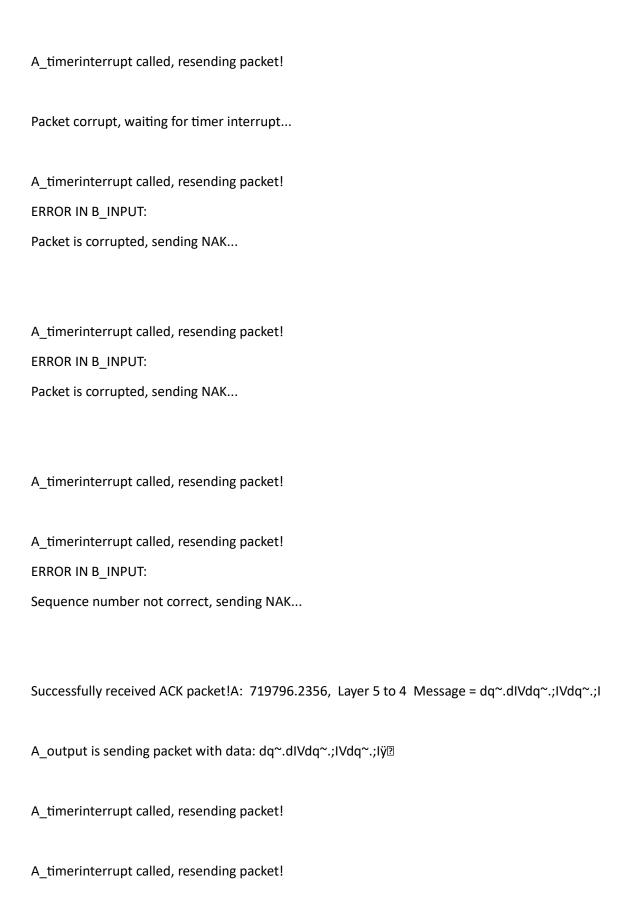
A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! Packet corrupt, waiting for timer interrupt... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Packet corrupt, waiting for timer interrupt... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT:











A\_timerinterrupt called, resending packet!

A\_timerinterrupt called, resending packet!
Sending ACK...

B: 719858.7687, Layer 4 to 5 Message = dq~.dlVdq~.;lVdq~.;l

Printing the contents of the Simulation Event Q

Event Time = 721303.052 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 719886.236 A: Timer

Event Time = 721303.052 A: LAYER 5

ERROR IN B\_INPUT:

Packet is corrupted, sending NAK...

Printing the contents of the Simulation Event Q

Event Time = 719886.236 A: Timer

Event Time = 721303.052 A: LAYER 5

Packet corrupt, waiting for timer interrupt...

Printing the contents of the Simulation Event Q

Event Time = 721303.052 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 721303.052 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 721303.052 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 721303.052 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 719946.236 A: Timer

Event Time = 721303.052 A: LAYER 5

ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...

Printing the contents of the Simulation Event Q

Event Time = 719950.532 A: LAYER 3 Seq/Ack/Check = 1815373928/0/1815375670: okqycc-9.3b0-glfiww.

Event Time = 721303.052 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 719961.236 A: Timer

Event Time = 721303.052 A: LAYER 5

Successfully received ACK packet!

Printing the contents of the Simulation Event Q

A: 721303.0520, Layer 5 to 4 Message = e&Ed%ec\$Cb#Ba!A`~?\_}

A\_output is sending packet with data: e&Ed%ec\$Cb#Ba!A`~?\_}ÿ©

Printing the contents of the Simulation Event Q

Event Time = 721318.052 A: Timer

Event Time = 739040.845 A: LAYER 5

ERROR IN B\_INPUT:

Packet is corrupted, sending NAK...

Printing the contents of the Simulation Event Q

Event Time = 721318.052 A: Timer

Event Time = 739040.845 A: LAYER 5

Wrong acknum, waiting for timer interrupt...

Printing the contents of the Simulation Event Q

Event Time = 739040.845 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 739040.845 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 721348.052 A: Timer

Event Time = 739040.845 A: LAYER 5

ERROR IN B\_INPUT:

Packet is corrupted, sending NAK...

Printing the contents of the Simulation Event Q

Event Time = 721348.515 A: LAYER 3 Seq/Ack/Check = 1815373928/0/1815375670: okqycc-9.3.0-glfiwwb

Event Time = 739040.845 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 721363.052 A: Timer

Event Time = 739040.845 A: LAYER 5

Wrong acknum, waiting for timer interrupt...

Printing the contents of the Simulation Event Q

Event Time = 739040.845 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 739040.845 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 721400.455 B: LAYER 3 Seq/Ack/Check = 1/0/1548: e&Ed%ec\$Cb#Ba!A`~?\_}

Event Time = 739040.845 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 721408.052 A: Timer

Event Time = 721424.697 B: LAYER 3 Seq/Ack/Check = 1/0/1548: e&Ed%ec\$Cb#Ba!A`~?\_}

Event Time = 739040.845 A: LAYER 5

Sending ACK...

B: 721400.4552, Layer 4 to 5 Message = e&Ed%ec\$Cb#Ba!A`~?\_}

Packet corrupt, waiting for timer interrupt...

A\_timerinterrupt called, resending packet!

A\_timerinterrupt called, resending packet!

ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...

ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...

A\_timerinterrupt called, resending packet!

ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...



A\_timerinterrupt called, resending packet! Sending ACK... B: 739173.3211, Layer 4 to 5 Message = f8i;l>fBrEuHxK{N~Q\$T A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! Successfully received ACK packet!ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Wrong acknum, waiting for timer interrupt... A: 747197.8860, Layer 5 to 4 Message =  $gKxqU9\{gD(jN2tX<^cG+$ A\_output is sending packet with data: gKxqU9{gD(jN2tX<~cG+ÿ®

A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! Sending ACK... B: 747251.6518, Layer 4 to 5 Message =  $gKxqU9\{gD(jN2tX<^{\sim}\}\}$ TOLAYER5: PANIC!! Data Received in this packet are wrong Packet corrupt, waiting for timer interrupt... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Successfully received ACK packet!A: 757879.2180, Layer 5 to 4 Message = h^SI>4\*}hi\_TJ?5+~tj` A\_output is sending packet with data: h^SI>4\*}hi\_TJ?5+~tj`ÿ? A\_timerinterrupt called, resending packet! Sending ACK...

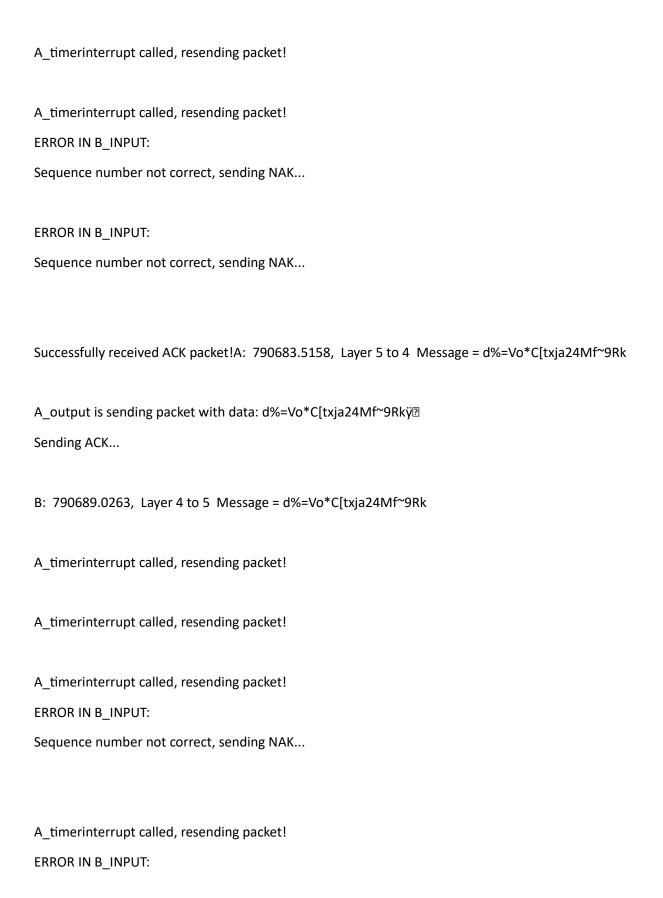
A\_timerinterrupt called, resending packet!

B: 757904.9853, Layer 4 to 5 Message = h^Sl>4\*}hi\_TJ?5+~tj`

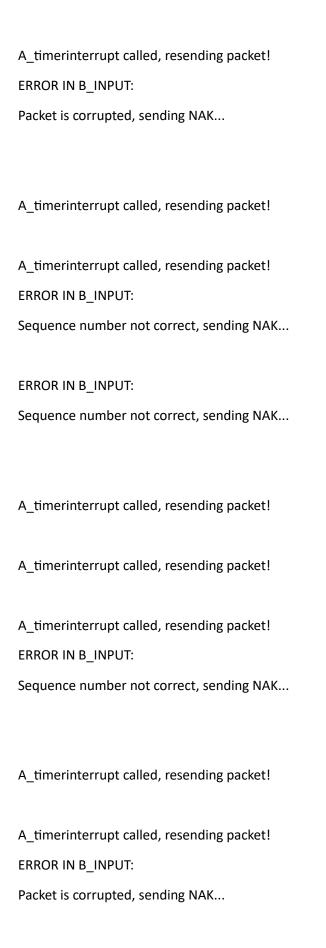
Sequence number not correct, sending NAK...

ERROR IN B\_INPUT:

A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Successfully received ACK packet!A: 776839.2926, Layer 5 to 4 Message = ipw~(x6=EiSZbipw~(x6 A\_output is sending packet with data: ipw~(x6=EiSZbipw~(x6ÿ2 Sending ACK... B: 776848.3245, Layer 4 to 5 Message = ipw~Ex6=(iSZbipw~(x6 TOLAYER5: PANIC!! Data Received in this packet are wrong A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK...



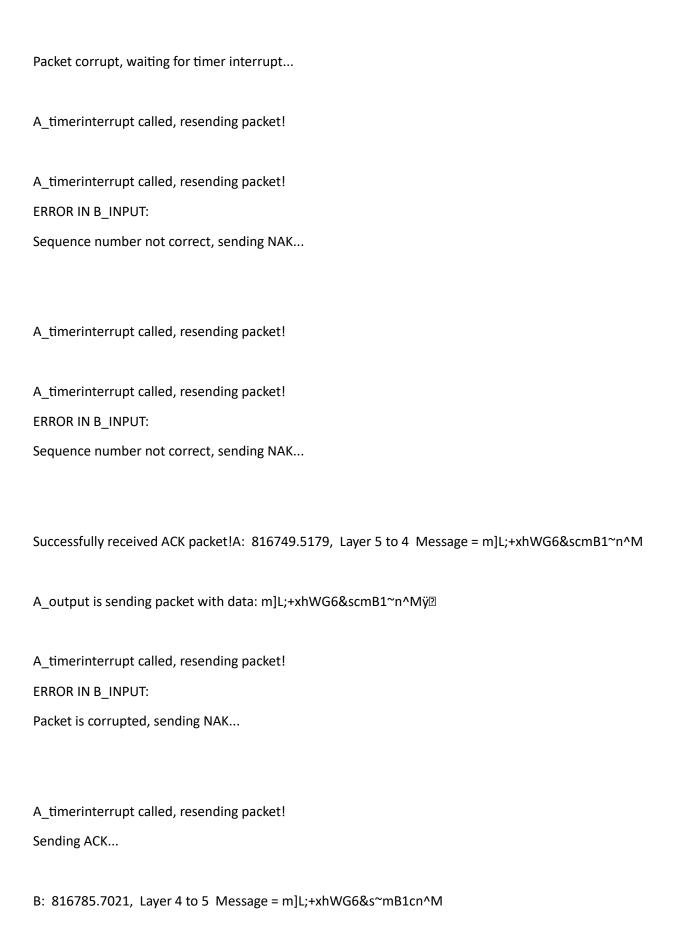
Packet is corrupted, sending NAK... Successfully received ACK packet! Wrong acknum, waiting for timer interrupt... A: 805290.4931, Layer 5 to 4 Message =  $k7b.X\%OyFp < k3^*T^KuB$ A\_output is sending packet with data: k7b.X%OyFp<k3^\*T~KuBÿ2 A\_timerinterrupt called, resending packet! Sending ACK... B: 805315.5584, Layer 4 to 5 Message =  $k7b.X\%OyFp< k3^*T^KuB$ A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet!



Successfully received ACK packet!ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Wrong acknum, waiting for timer interrupt... A: 813855.3748, Layer 5 to 4 Message = If(dB)[9uS1ml)3C~]:v A\_output is sending packet with data: If(dB}[9uS1ml)3C~]:vÿ2 A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! Sending ACK... B: 813926.2546, Layer 4 to 5 Message = If(dB}[9uS1ml)3C~]:v A\_timerinterrupt called, resending packet!

ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...



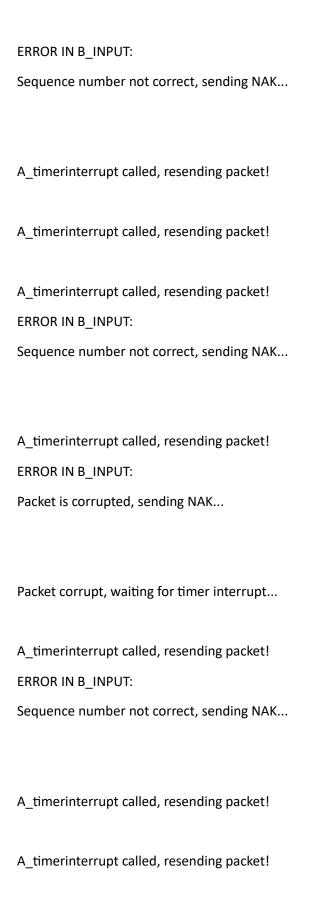
## TOLAYER5: PANIC!! Data Received in this packet are wrong

A_timerinterrupt called, resending packet!
ERROR IN B_INPUT:
Sequence number not correct, sending NAK
Successfully received ACK packet!A: 817735.5049, Layer 5 to 4 Message = nopqrstuvwxyz{n}~!#\$
A_output is sending packet with data: nopqrstuvwxyz{n}~!#\$ÿ₪
A_timerinterrupt called, resending packet!
A_timerinterrupt called, resending packet!
Sending ACK
B: 817776.0860, Layer 4 to 5 Message = nopqrstuvwxyz{n}~!#\$
A_timerinterrupt called, resending packet!
ERROR IN B_INPUT:
Sequence number not correct, sending NAK
A_timerinterrupt called, resending packet!
A_timerinterrupt called, resending packet!
ERROR IN B_INPUT:
Sequence number not correct, sending NAK

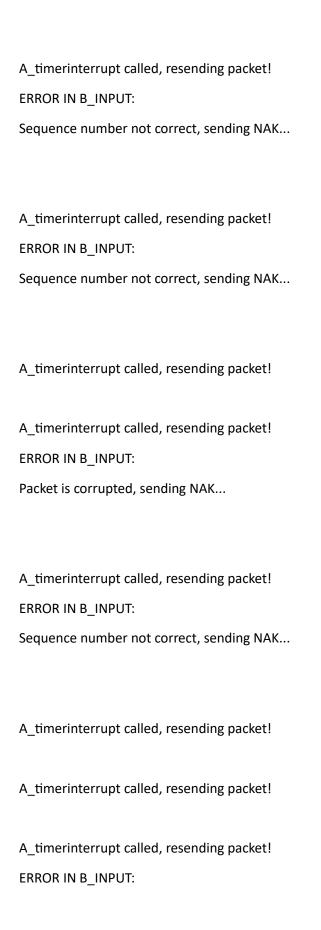
A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK...

A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Successfully received ACK packet!A: 833569.9329, Layer 5 to 4 Message = o\$6I[n#5HZm!4GYo~3FX A\_output is sending packet with data: o\$6I[n#5HZm!4GYo~3FXÿ® A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! Sending ACK... B: 833621.3493, Layer 4 to 5 Message = \$06I[n#5HZm!4GYo~3FX TOLAYER5: PANIC!! Data Received in this packet are wrong A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... A\_timerinterrupt called, resending packet!

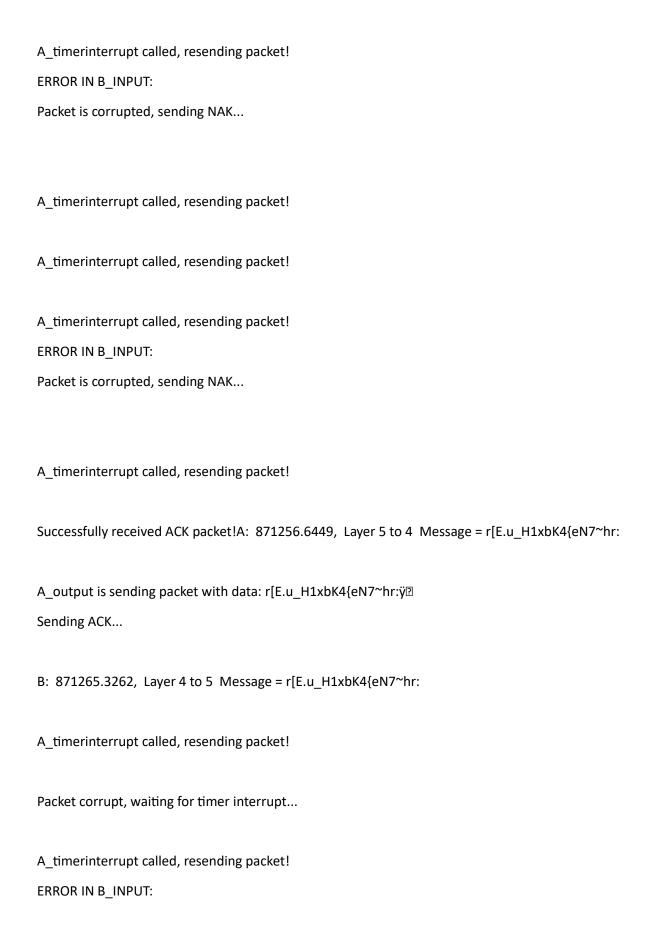
Successfully received ACK packet! Packet corrupt, waiting for timer interrupt... A: 848220.0743, Layer 5 to 4 Message =  $p6Z^EixSw=b(Lp6ZpEix$ A\_output is sending packet with data: p6Z~EixSw=b(Lp6ZpEixÿ® A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! Sending ACK... B: 848293.4866, Layer 4 to 5 Message = pZ6~EixSw=b(Lp6ZpEix TOLAYER5: PANIC!! Data Received in this packet are wrong ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! Packet corrupt, waiting for timer interrupt... Packet corrupt, waiting for timer interrupt... A\_timerinterrupt called, resending packet!

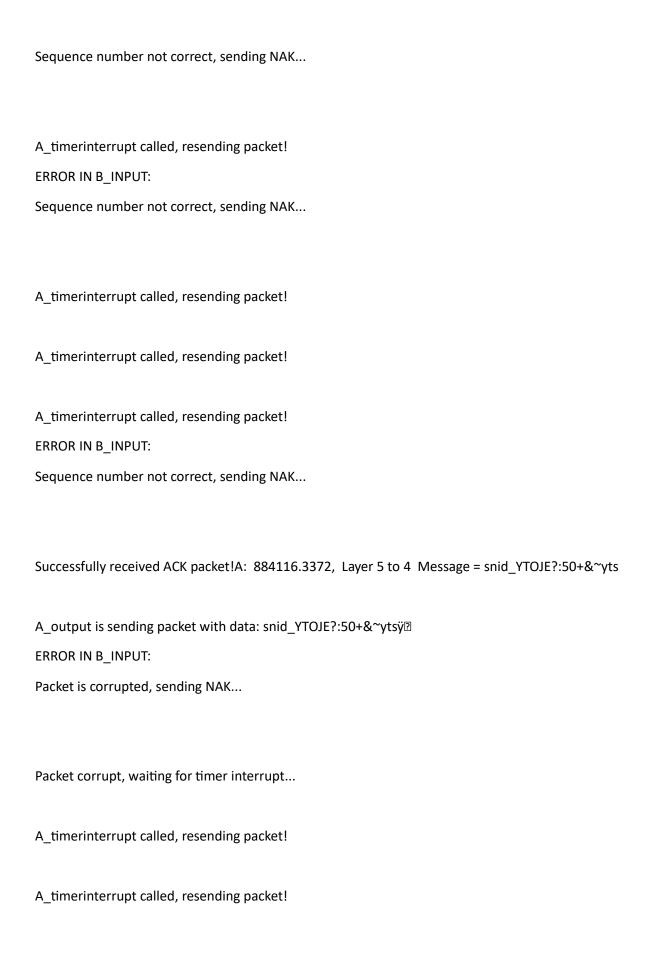


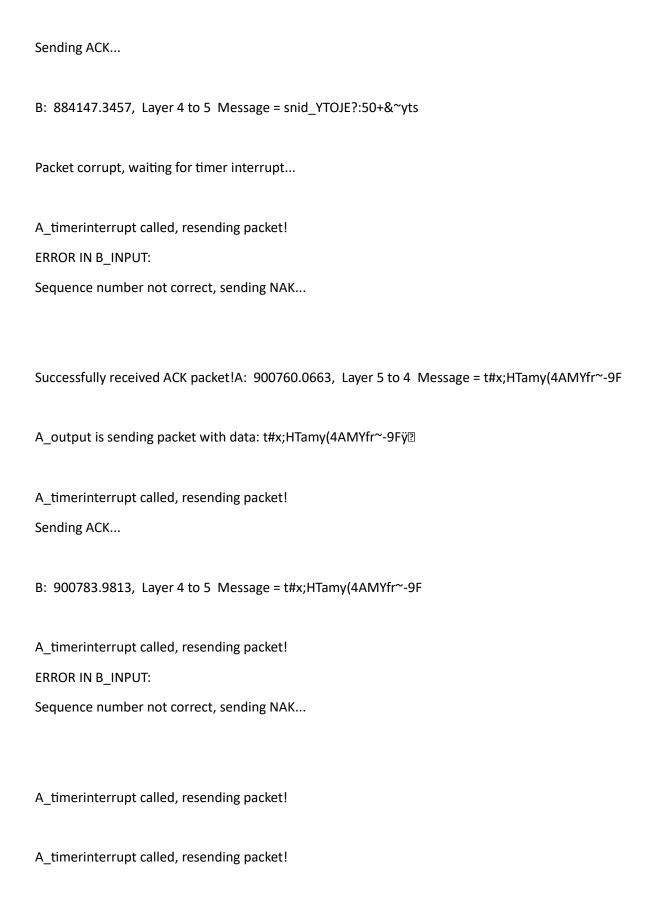
A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... ERROR IN B\_INPUT: Packet is corrupted, sending NAK... A\_timerinterrupt called, resending packet! Wrong acknum, waiting for timer interrupt... ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet!



Sequence number not correct, sending NAK... Successfully received ACK packet!A: 868067.9555, Layer 5 to 4 Message = dl~V.d;ql~V.2;ql~q.d A\_output is sending packet with data: dl~V.d;ql~V.2;ql~q.dÿ? Sending ACK... B: 868074.5380, Layer 4 to 5 Message = dl~V.d;ql~V.2;ql~q.d A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK...

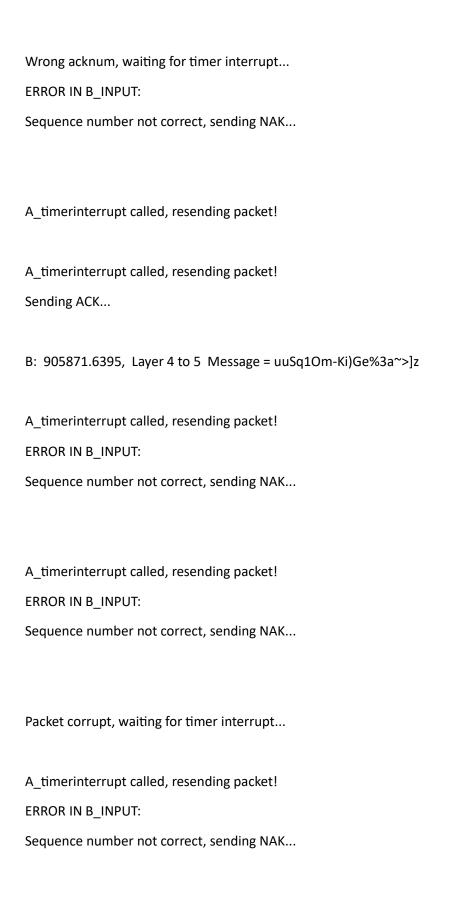


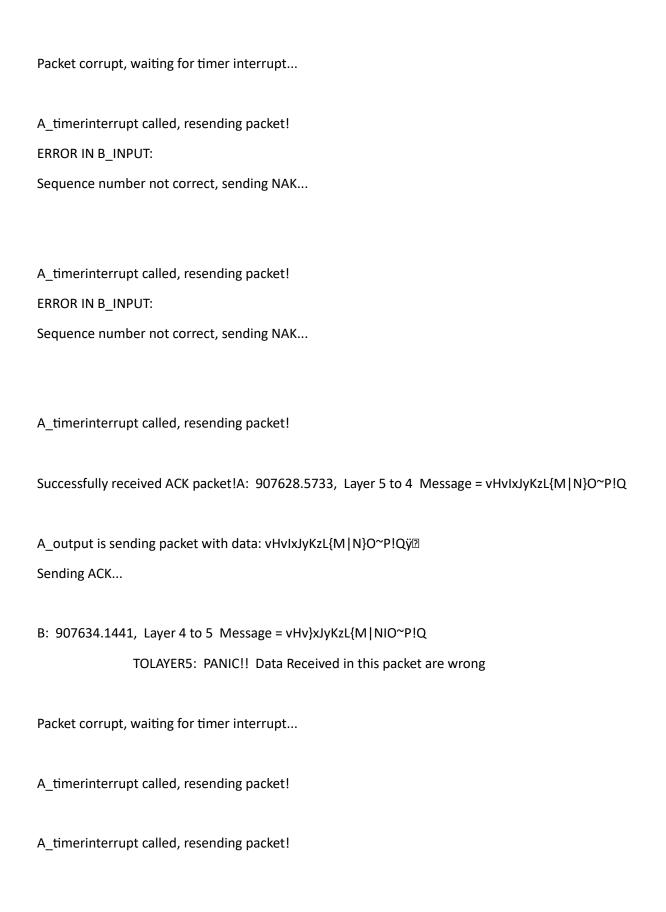


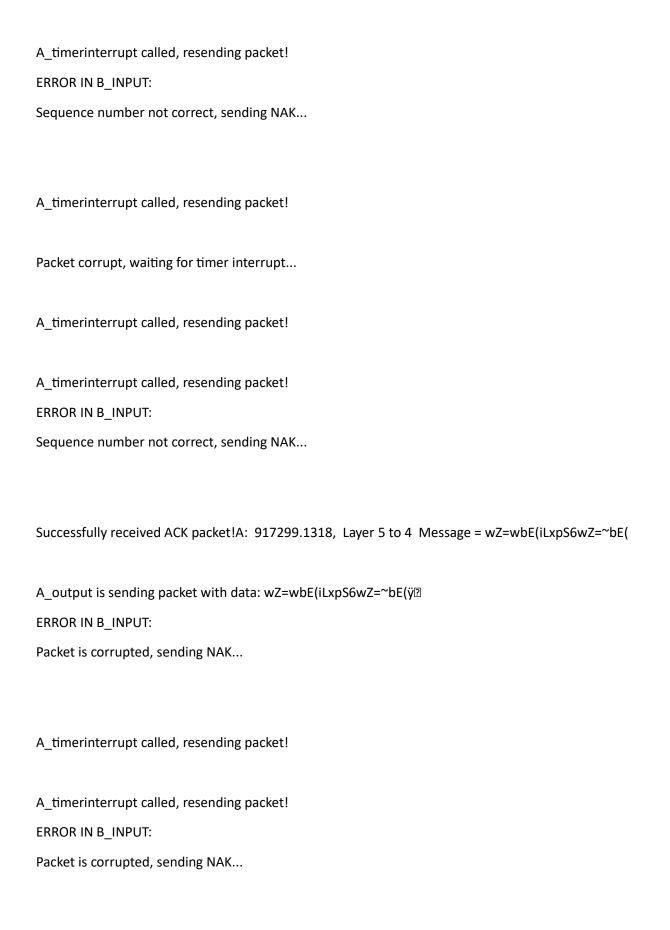


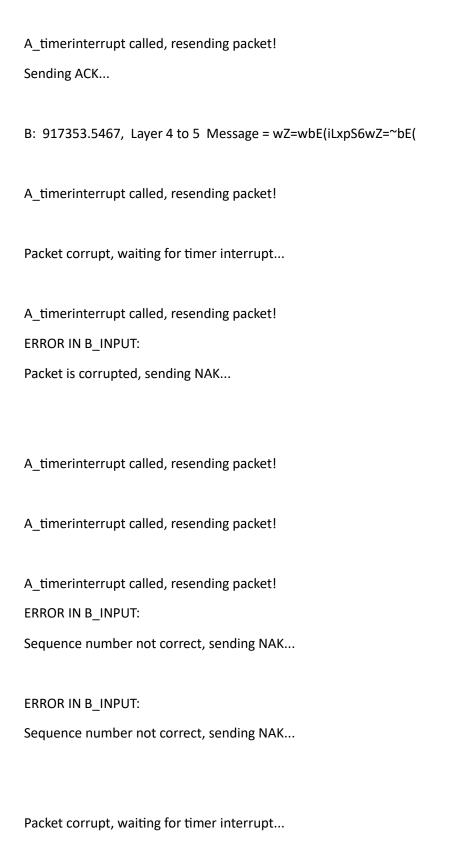
A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! Successfully received ACK packet!ERROR IN B\_INPUT: Sequence number not correct, sending NAK... ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A: 905822.2849, Layer 5 to 4 Message = uuSq10m-Ki)Ge%3a~>]z A\_output is sending packet with data: uuSq1Om-Ki)Ge%3a~>]zÿ2 ERROR IN B\_INPUT: Packet is corrupted, sending NAK...

A\_timerinterrupt called, resending packet!









A_timerinterrupt called, resending packet!
A_timerinterrupt called, resending packet!
ERROR IN B_INPUT:
Packet is corrupted, sending NAK
Successfully received ACK packet!A: 919474.4032, Layer 5 to 4 Message = dmbVx?4){peY2C7,~sh]
A_output is sending packet with data: dmbVx?4){peY2C7,~sh]ÿ⊡
ERROR IN B_INPUT:
Packet is corrupted, sending NAK
A_timerinterrupt called, resending packet!
A_timerinterrupt called, resending packet!
Sending ACK
B: 919510.0731, Layer 4 to 5 Message = dmbVx?4){peY2C7,~sh]
Packet corrupt, waiting for timer interrupt
A_timerinterrupt called, resending packet!
A_timerinterrupt called, resending packet!
ERROR IN B_INPUT:
Packet is corrupted, sending NAK

A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Successfully received ACK packet!A: 937494.1708, Layer 5 to 4 Message = y!(.4yAGMSY`flrx~'-3 A\_output is sending packet with data: y!(.4yAGMSY`flrx~'-3ÿ2 A\_timerinterrupt called, resending packet! Sending ACK... B: 937514.3052, Layer 4 to 5 Message = y!(.4y`GMSYAflrx~'-3 TOLAYER5: PANIC!! Data Received in this packet are wrong ERROR IN B\_INPUT:

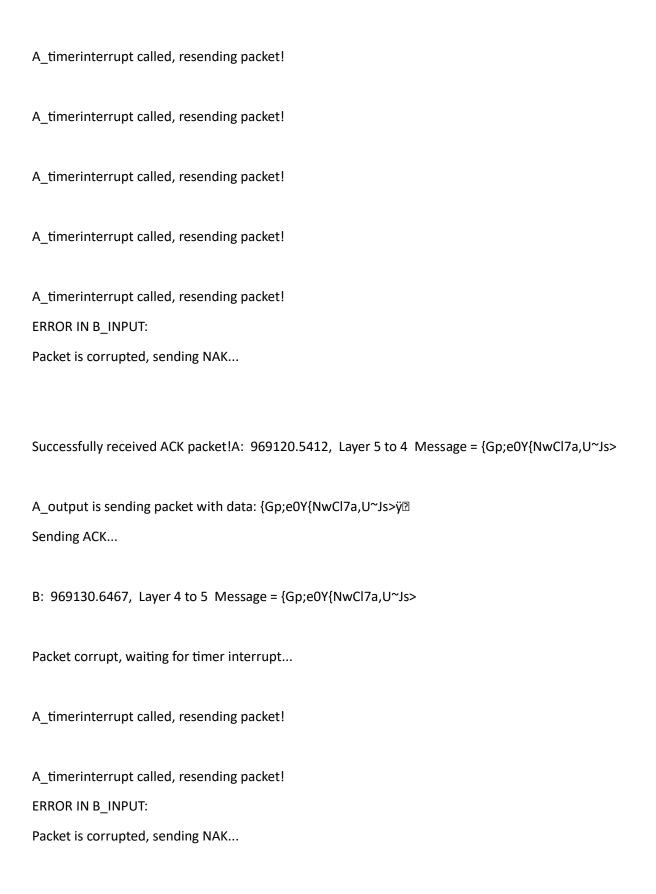
Sequence number not correct, sending NAK...

Packet corrupt, waiting for timer interrupt... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... A\_timerinterrupt called, resending packet! Successfully received ACK packet!ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Wrong acknum, waiting for timer interrupt... A: 950533.5751, Layer 5 to 4 Message = z4Ld{5ze|6Nf}7Og~8Ph A\_output is sending packet with data: z4Ld{5ze|6Nf}7Og~8Phÿ2 Sending ACK... B: 950538.7338, Layer 4 to 5 Message = z4Ld{5ze|6Nf}7Og~8Ph

A\_timerinterrupt called, resending packet!

Sequence number not correct, sending NAK...

ERROR IN B\_INPUT:



Successfully received ACK packet!A: 983376.2717, Layer 5 to 4 Message = |Y6qN+fC|Z7rO,gD~[8s

A\_output is sending packet with data: |Y6qN+fC|Z7rO,gD~[8sÿ2]

A\_timerinterrupt called, resending packet!

A\_timerinterrupt called, resending packet!

Sending ACK...

B: 983413.1642, Layer 4 to 5 Message =

TOLAYER5: PANIC!! Data Received in this packet are wrong

Packet corrupt, waiting for timer interrupt...

A\_timerinterrupt called, resending packet!

A\_timerinterrupt called, resending packet!

ERROR IN B\_INPUT:

Packet is corrupted, sending NAK...

Successfully received ACK packet!A: 994950.0226, Layer 5 to 4 Message = }|ZI7&raO},xgUD2~m[J

A\_output is sending packet with data: }IZI7&raO},xgUD2~m[Jÿ2

A\_timerinterrupt called, resending packet!

ERROR IN B\_INPUT:

Packet is corrupted, sending NAK...

A\_timerinterrupt called, resending packet! Sending ACK... B: 994981.6217, Layer 4 to 5 Message = }|Zg7&raO},xIUD2~m[J TOLAYER5: PANIC!! Data Received in this packet are wrong A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... Wrong acknum, waiting for timer interrupt...

A\_timerinterrupt called, resending packet!

ERROR IN B\_INPUT:

Sequence number not correct, sending NAK... Successfully received ACK packet!A: 1012713.4630, Layer 5 to 4 Message = ~fDUgx,=Oa~&7I3I}1CT A\_output is sending packet with data: ~fDUgx,=Oa~&7I3I}1CTÿ2 A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... A\_timerinterrupt called, resending packet! Wrong acknum, waiting for timer interrupt... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! Sending ACK... B: 1012793.0369, Layer 4 to 5 Message = ~fDUgx,=Oa~&7I3I}1CT Packet corrupt, waiting for timer interrupt... ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...

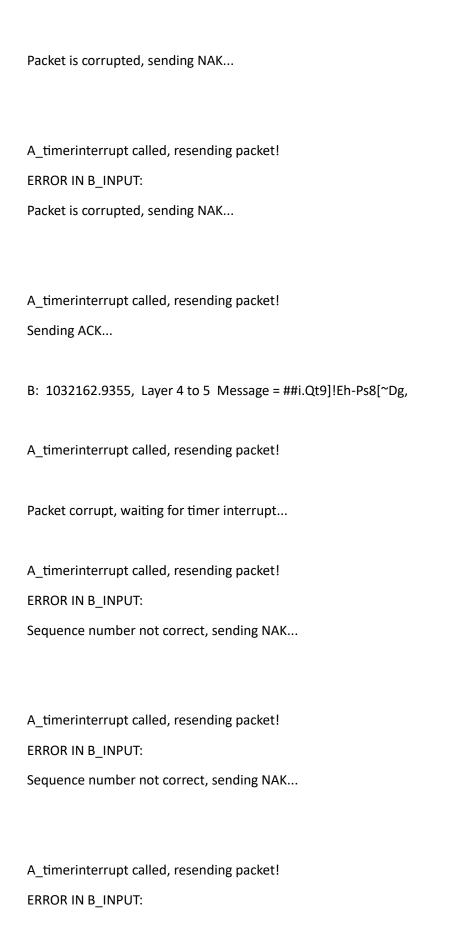
A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK...

A\_timerinterrupt called, resending packet! Successfully received ACK packet!ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Wrong acknum, waiting for timer interrupt... A: 1030293.4724, Layer 5 to 4 Message = !3EVhy->Pbs'2J[m~2DU A\_output is sending packet with data: !3EVhy->Pbs'2J[m~2DUÿ2] Sending ACK... B: 1030298.4643, Layer 4 to 5 Message = !3EVhU->Pbs'2J[m~2Dy TOLAYER5: PANIC!! Data Received in this packet are wrong A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...

A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Successfully received ACK packet! Wrong acknum, waiting for timer interrupt... A: 1032129.4741, Layer 5 to 4 Message = ##i.Qt9]!Eh-Ps8[~Dg, A\_output is sending packet with data: ##i.Qt9]!Eh-Ps8[~Dg,ÿ@

ERROR IN B\_INPUT:

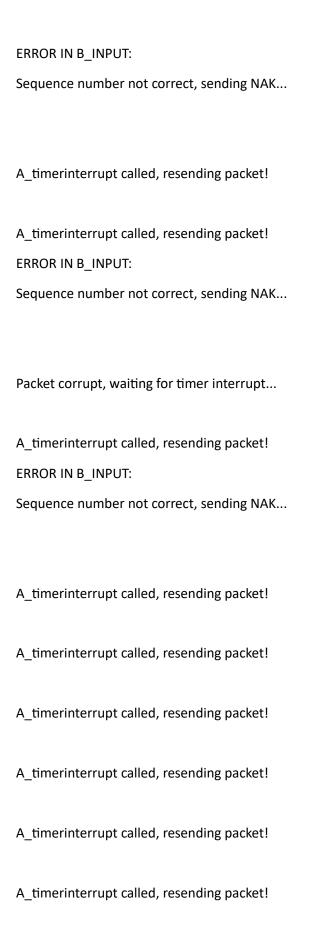


Packet is corrupted, sending NAK... Successfully received ACK packet! Wrong acknum, waiting for timer interrupt... A: 1048824.6812, Layer 5 to 4 Message =  $$X$d:oFzQ(]3h>sJ^U,a$ A\_output is sending packet with data: \$X\$d:oFzQ(]3h>sJ~U,aÿ2 A\_timerinterrupt called, resending packet! Sending ACK... B: 1048845.8814, Layer 4 to 5 Message = \$X\$d:oFzQ(]3h>sJ~U,a A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...

Packet corrupt, waiting for timer interrupt... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK...

A\_timerinterrupt called, resending packet!



A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Packet corrupt, waiting for timer interrupt... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! Successfully received ACK packet!ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A: 1059959.2893, Layer 5 to 4 Message = %kS%\$jR:#iQ9!hP8~gO7

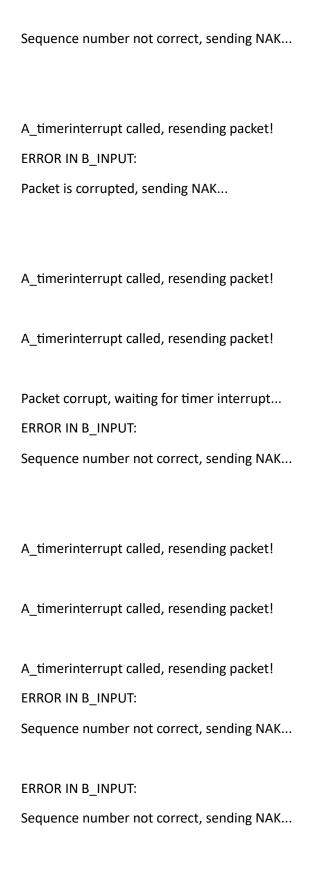
A\_output is sending packet with data: %kS%\$jR:#iQ9!hP8~gO7ÿ®

A\_timerinterrupt called, resending packet! Sending ACK... B: 1059985.2853, Layer 4 to 5 Message = %kS%\$jR:#iQ9!hP8~gO7 A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK...

Successfully received ACK packet!A: 1068676.6958, Layer 5 to 4 Message = &}wq&e\_XRLF?93-'~xrl

A\_output is sending packet with data: &}wq&e\_XRLF?93-'~xrlÿ® A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Packet is corrupted, sending NAK... Sending ACK... B: 1068735.1873, Layer 4 to 5 Message = &\}wq&e\_XRLF?93-'~xrl A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! Wrong acknum, waiting for timer interrupt... A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet!

ERROR IN B\_INPUT:



```
A_timerinterrupt called, resending packet!
A_timerinterrupt called, resending packet!
ERROR IN B_INPUT:
Sequence number not correct, sending NAK...
Successfully received ACK packet!A: 1075595.5432, Layer 5 to 4 Message = '2=IT'kv$x:FQ]hs~,7C
A_output is sending packet with data: '2=IT'kv$x:FQ]hs~,7Cÿ2
A_timerinterrupt called, resending packet!
Sending ACK...
B: 1075612.7656, Layer 4 to 5 Message = '2=IT'kv$x:FQ]hs~,7C
ERROR IN B_INPUT:
Sequence number not correct, sending NAK...
A_timerinterrupt called, resending packet!
A_timerinterrupt called, resending packet!
ERROR IN B_INPUT:
Sequence number not correct, sending NAK...
A_timerinterrupt called, resending packet!
A_timerinterrupt called, resending packet!
```

ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...

A\_timerinterrupt called, resending packet!

Successfully received ACK packet!A: 1079134.0338, Layer 5 to 4 Message = (Eb~=Z(6SpxLi(Eb~=Zw

A\_output is sending packet with data: (Eb~=Z(6SpxLi(Eb~=Zwÿ®

Sending ACK...

B: 1079141.1654, Layer 4 to 5 Message =  $(Eb^{-2}Z6(SpxLi(Eb^{-2}Zw))$ 

TOLAYER5: PANIC!! Data Received in this packet are wrong

Printing the contents of the Simulation Event Q

Event Time = 1079151.876 A: LAYER 3 Seq/Ack/Check = 1105877872/1/1678: ^ w#M@K<é

Event Time = 1080918.538 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 1079155.569 B: LAYER 3 Seq/Ack/Check = 1/0/1605: (Eb~=Z(6SpxLi(Žb~=Zw

Event Time = 1079164.034 A: Timer

Event Time = 1080918.538 A: LAYER 5

Packet corrupt, waiting for timer interrupt...

Printing the contents of the Simulation Event Q Event Time = 1079164.034 A: Timer Event Time = 1080918.538 A: LAYER 5 ERROR IN B\_INPUT: Packet is corrupted, sending NAK... Printing the contents of the Simulation Event Q Event Time = 1080918.538 A: LAYER 5 A\_timerinterrupt called, resending packet! Printing the contents of the Simulation Event Q Event Time = 1080918.538 A: LAYER 5 A\_timerinterrupt called, resending packet! Printing the contents of the Simulation Event Q Event Time = 1080918.538 A: LAYER 5 A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q Event Time = 1079213.486 B: LAYER 3 Seq/Ack/Check = 1/0/1678: (Eb~=Z(6SpxLi(Eb~=Zw Event Time = 1080918.538 A: LAYER 5 A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 1079224.034 A: Timer

Event Time = 1080918.538 A: LAYER 5

ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...

Printing the contents of the Simulation Event Q

Event Time = 1080918.538 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 1080918.538 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 1080918.538 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 1080918.538 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 1080918.538 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 1079299.034 A: Timer

Event Time = 1080918.538 A: LAYER 5

ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...

Printing the contents of the Simulation Event Q

Event Time = 1079299.543 A: LAYER 3 Seq/Ack/Check = 1815373928/1/1818455863: okqy4c-9.3.0-glfiwwb

Event Time = 1080918.538 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 1079314.034 A: Timer

Event Time = 1080918.538 A: LAYER 5

Packet corrupt, waiting for timer interrupt...

Printing the contents of the Simulation Event Q

Event Time = 1080918.538 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 1079329.034 A: Timer

Event Time = 1080918.538 A: LAYER 5

ERROR IN B\_INPUT:

Packet is corrupted, sending NAK...

Printing the contents of the Simulation Event Q

Event Time = 1080918.538 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 1079344.034 A: Timer

Event Time = 1080918.538 A: LAYER 5

ERROR IN B\_INPUT:

Sequence number not correct, sending NAK...

Printing the contents of the Simulation Event Q

Event Time = 1080918.538 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 1080918.538 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 1080918.538 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 1079389.034 A: Timer

Event Time = 1080918.538 A: LAYER 5

ERROR IN B\_INPUT:

Packet is corrupted, sending NAK...

Printing the contents of the Simulation Event Q

Event Time = 1079403.546 A: LAYER 3 Seq/Ack/Check = 1815373928/771751937/1815375671: okqycc-9.3 0-glfiwwb

Event Time = 1080918.538 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 1079403.546 A: LAYER 3 Seq/Ack/Check = 1815373928/771751937/1815375671: okqycc-9.3 0-glfiwwb

Event Time = 1079404.034 A: Timer

Event Time = 1080918.538 A: LAYER 5

ERROR IN B\_INPUT:

Packet is corrupted, sending NAK...

Printing the contents of the Simulation Event Q

Event Time = 1079404.034 A: Timer

Event Time = 1079404.489 A: LAYER 3 Seq/Ack/Check = 1815373928/1/1815375671: okqycc-9.3.0-

glfiwwb

Event Time = 1080918.538 A: LAYER 5

Packet corrupt, waiting for timer interrupt...

Printing the contents of the Simulation Event Q

Event Time = 1079404.489 A: LAYER 3 Seq/Ack/Check = 1815373928/1/1815375671: okqycc-9.3.0-

glfiwwb

Event Time = 1080918.538 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 1079406.103 B: LAYER 3 Seq/Ack/Check = 1/7340032/1678: (Eb~=Z(6S xLi(Eb~=Zw

Event Time = 1079419.034 A: Timer

Event Time = 1080918.538 A: LAYER 5

Successfully received ACK packet!

Printing the contents of the Simulation Event Q

Event Time = 1080918.538 A: LAYER 5

ERROR IN B\_INPUT:

Packet is corrupted, sending NAK...

Printing the contents of the Simulation Event Q

A: 1080918.5377, Layer 5 to 4 Message =  $dW(V'U\&)\%S\$R2Q!P^ON$ 

A\_output is sending packet with data: dW(V'U&)%S\$R2Q!P~O}Nÿ2

Printing the contents of the Simulation Event Q

Event Time = 1080933.538 A: Timer

Event Time = 1082477.020 A: LAYER 5

ERROR IN B\_INPUT:

Packet is corrupted, sending NAK...

Printing the contents of the Simulation Event Q

Event Time = 1082477.020 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 1080948.538 A: Timer

Event Time = 1082477.020 A: LAYER 5

ERROR IN B\_INPUT:

Packet is corrupted, sending NAK...

Printing the contents of the Simulation Event Q

Event Time = 1082477.020 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 1082477.020 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 1082477.020 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 1082477.020 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time =  $1081013.474 \text{ B: LAYER 3 Seq/Ack/Check} = 0/0/1406: dW(V'U&)%S$R2Q!P~O}N$ 

Event Time = 1082477.020 A: LAYER 5

A\_timerinterrupt called, resending packet!

Printing the contents of the Simulation Event Q

Event Time = 1081023.538 A: Timer

Event Time = 1082477.020 A: LAYER 5

Sending ACK...

Packet corrupt, waiting for timer interrupt... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... A\_timerinterrupt called, resending packet! ERROR IN B\_INPUT: Sequence number not correct, sending NAK... Successfully received ACK packet! Packet corrupt, waiting for timer interrupt... A: 1082477.0203, Layer 5 to 4 Message = \*fL.nP2r\*6vX:z3>~aC% A\_output is sending packet with data: \*fL.nP2r\*6vX:z3>~aC%ÿ2 A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet! A\_timerinterrupt called, resending packet!

Sending ACK...

B: 1081013.4737, Layer 4 to 5 Message =  $dW(V'U\&)\%S\$R2Q!P^ON$ 

## B: 1082538.2619, Layer 4 to 5 Message = \*fL.nP2r\*6vXCz3>~a:%

TOLAYER5: PANIC!! Data Received in this packet are wrong

Simulator terminated at time 1082552.020269

after receiving 100 msgs at layer5

Simulator Analysis:

Number of messages sent from 5 to 4: 100

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

Number of messages received at Layer 5, side B: 100

Number of messages incorrectly received at layer 5: 25

Number of packets entering the network: 1503

Average number of packets already in network: 0.142

Number of packets that the network lost: 746

Number of packets that the network corrupted: 388

Number of packets that the network put out of order: 364