Initial

Packet\_Recevied(ACK)

Packet\_Recevied(!ACK)

Send(ACK, FIN, next\_seq+1)

Received\_FIN

Send(ACK, FIN, next\_seq+1)

Timeout\_received

Send(ACK, FIN, next\_seq+1)

**Explanations**

SYN: Connection flag

ACK: Acknowledgment

FIN: teardown flag

Packet\_Recevied(!ACK): Packet received but without ACK set as flag.

Packet\_Recevied(ACK): Packet received but with ACK set as flag.

next\_seq: Next expected sequence number

Timeout\_received: The time for receiving ACK has passed