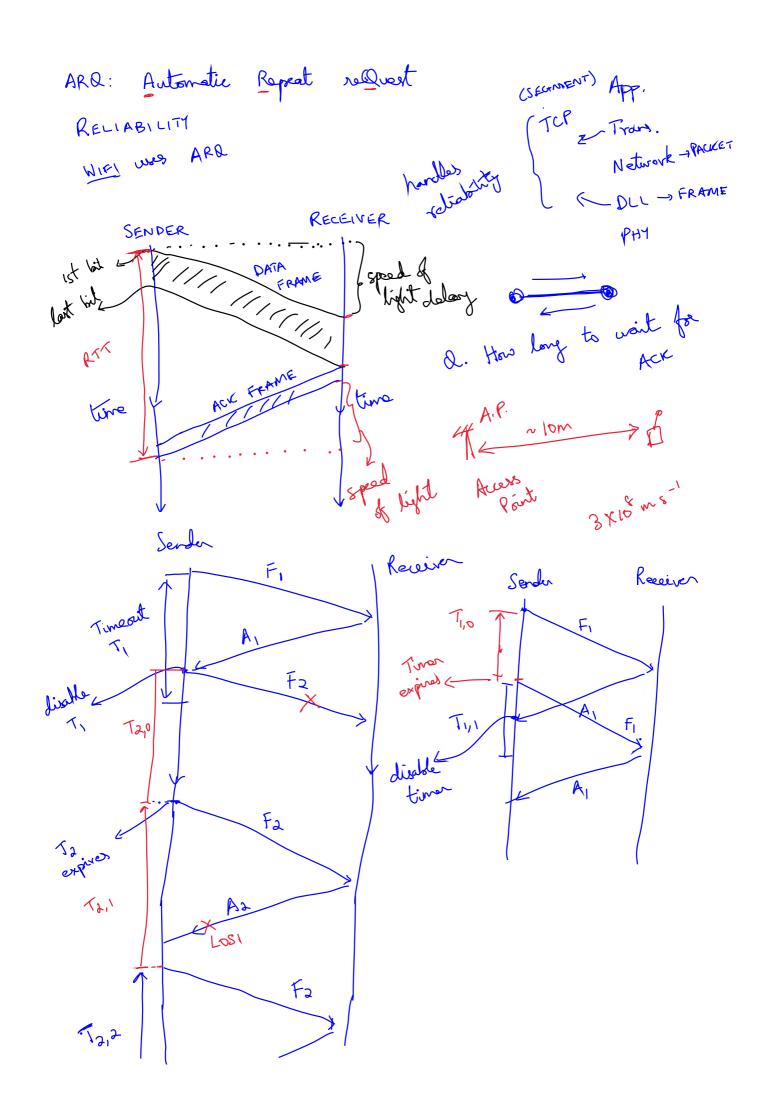
```
CRC , ARQ
  C(x) a) Single-but errors
           b) 2-bit errors
                                              brust of errors thousand
            c) odd # of errors
d) Burst of errors
          CODEWORD (Data | CRC). 10 10 00 10 000011 000011
                   Notation for concatenation

E(x) = x \dots + x + x
= x^{i} \left( x^{l-1} + x^{l-2} + \dots + 1 \right)
        C(x) = xx+ - .... +1
                     anything
                                           ? Bur, by ((x)?
Is E(x) divisible by ((a)?
       \frac{E(x)}{C(x)} = \frac{x^{i}(x^{l-1}+x^{l-2}+\ldots+1)}{x^{i}}
                        xk+ ...... + , sends with 1
                         no factor XP for any 'p'
   If l-1 < k, then C(x) cannot divide x + x + ....+1
           (2k+...+1). (:) = xl-1 xl-2+ -...+1
                    power of k & higher
  Hence brusts of length laket will be detected
```



Serdu Receiver State: Want for an event to occur STATE - DIAGRAMS state 3 aunt P/AttonD event A/Action A cent B/Adian B event / Action C state 2 Event/Athon Dyous Flow thank to express action steps

State diagram at Sender for ARD (OLL)

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Send a frama containing to make the miscropy of the makes of the makes