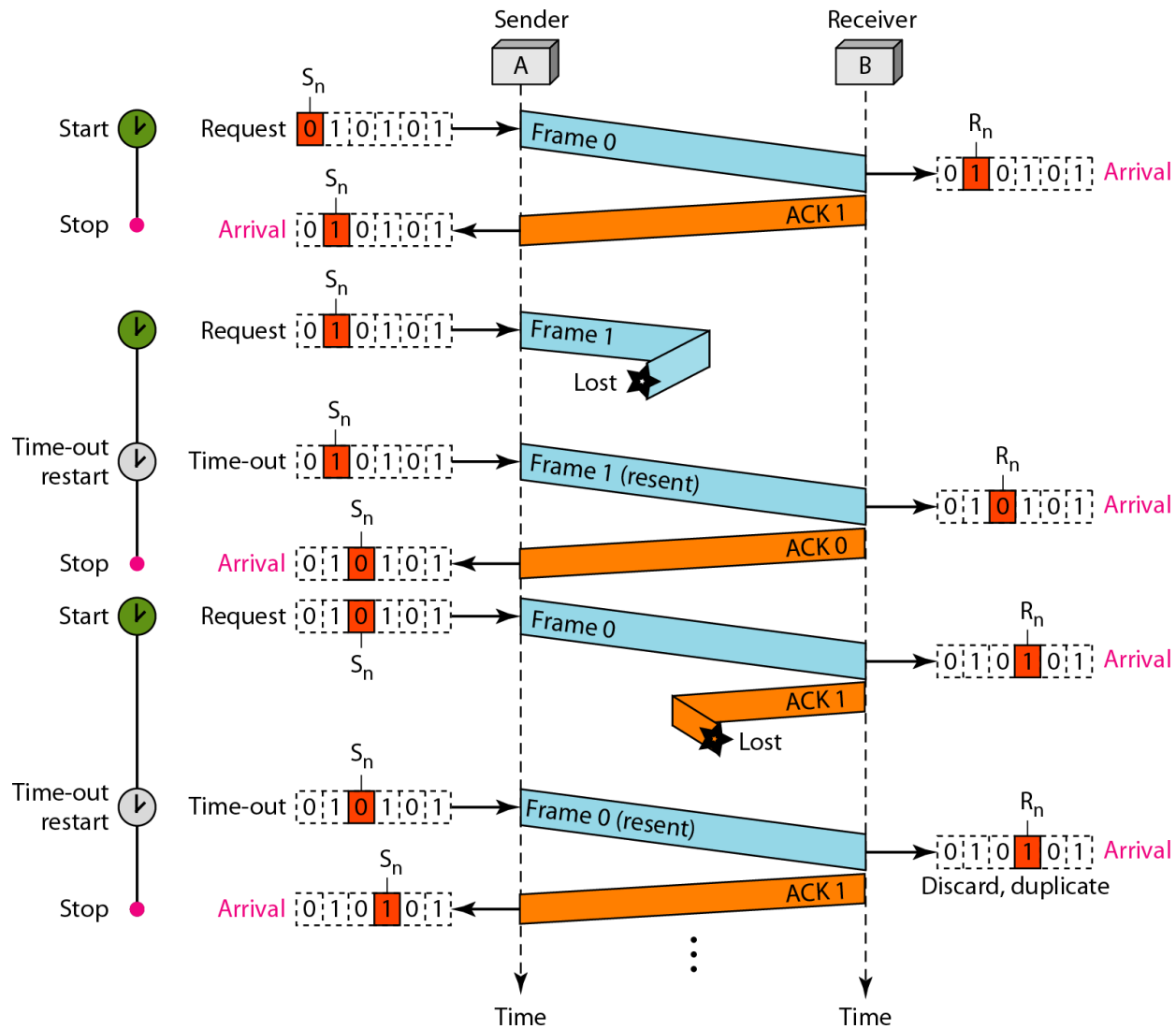
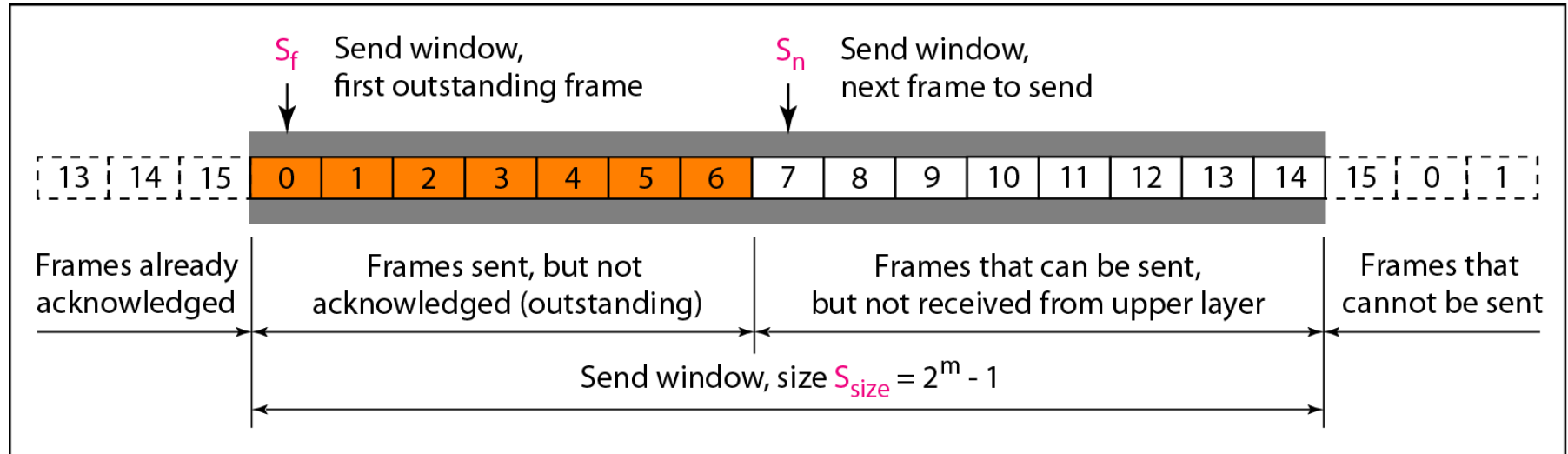


Flow Control Techniques

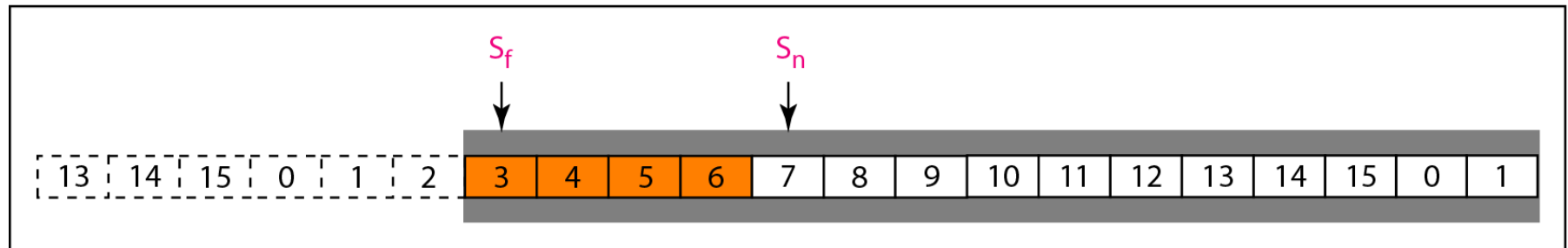
Example for Stop and Wait ARQ



Go-Back-N ARQ : Send Sliding Window

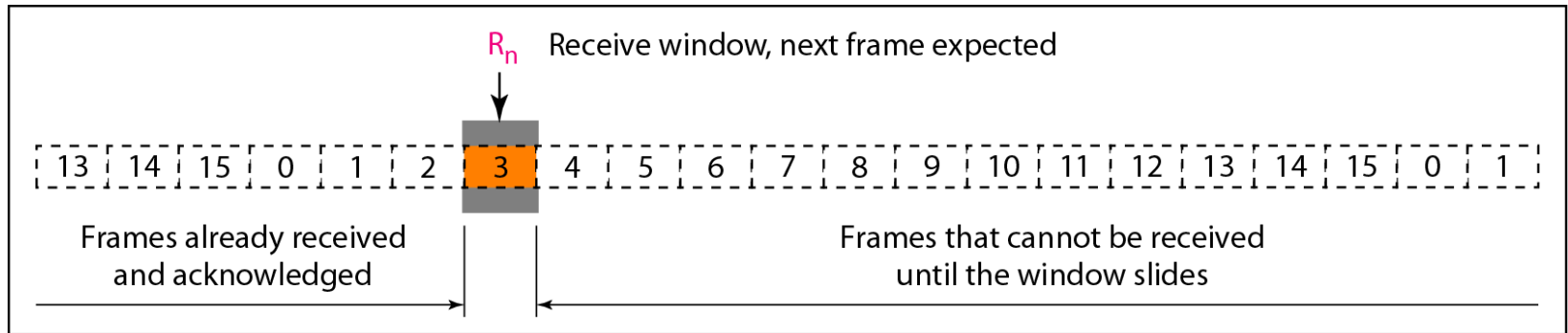


a. Send window before sliding

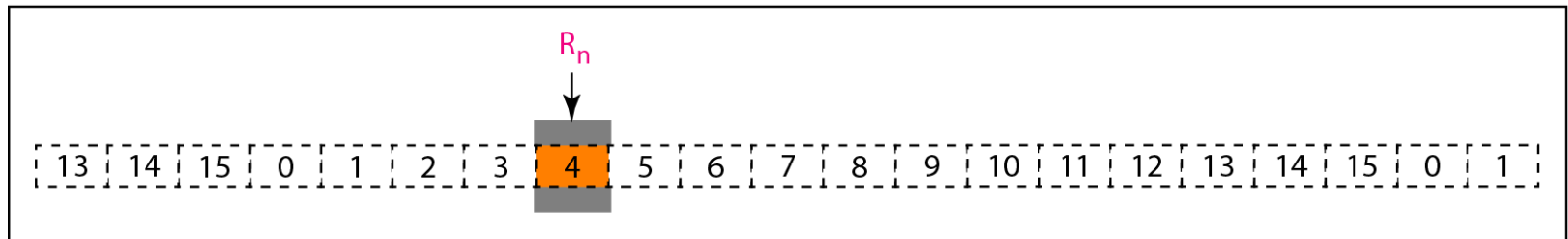


b. Send window after sliding

Go-Back-N ARQ : Receive sliding window

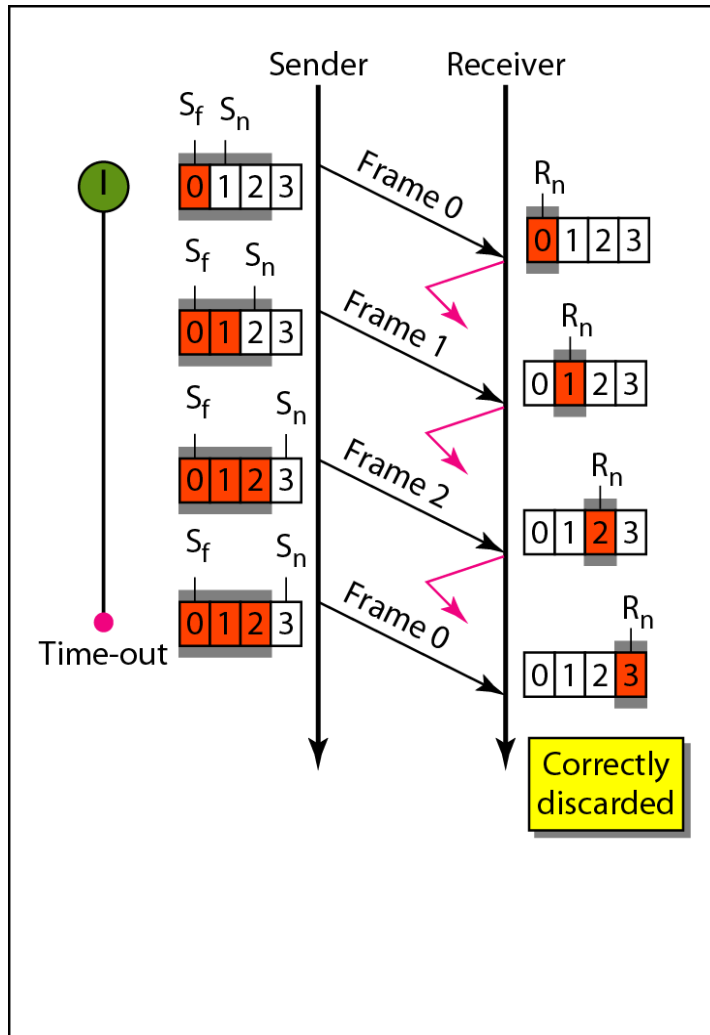


a. Receive window

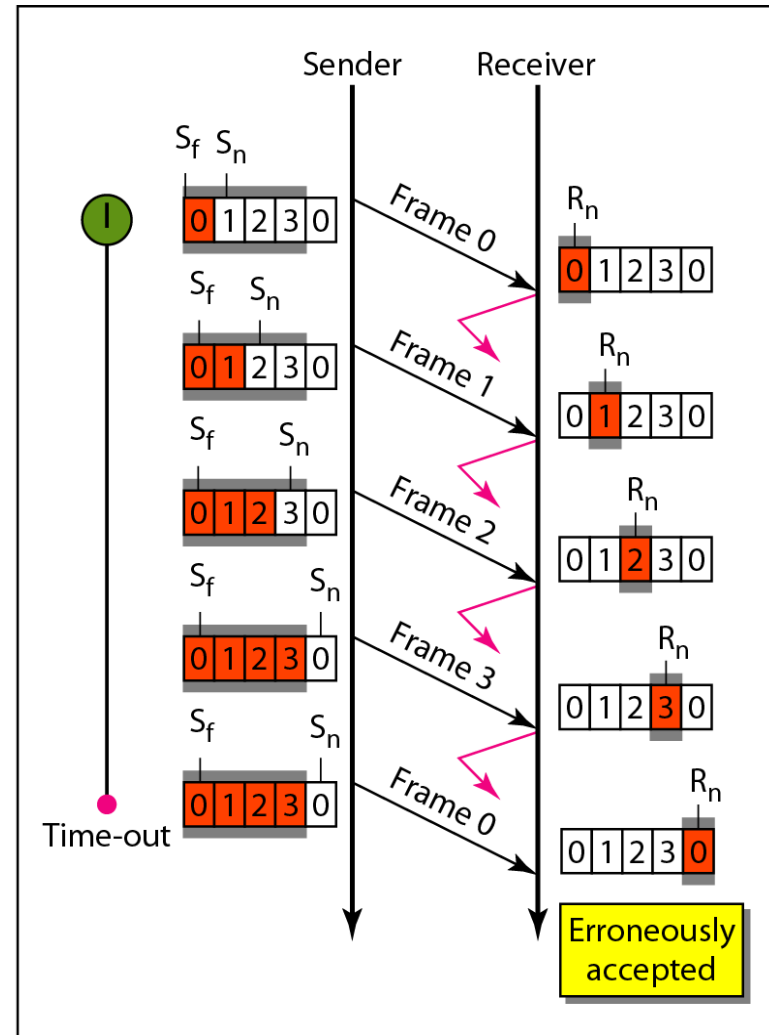


b. Window after sliding

Window size for Go-Back-N ARQ

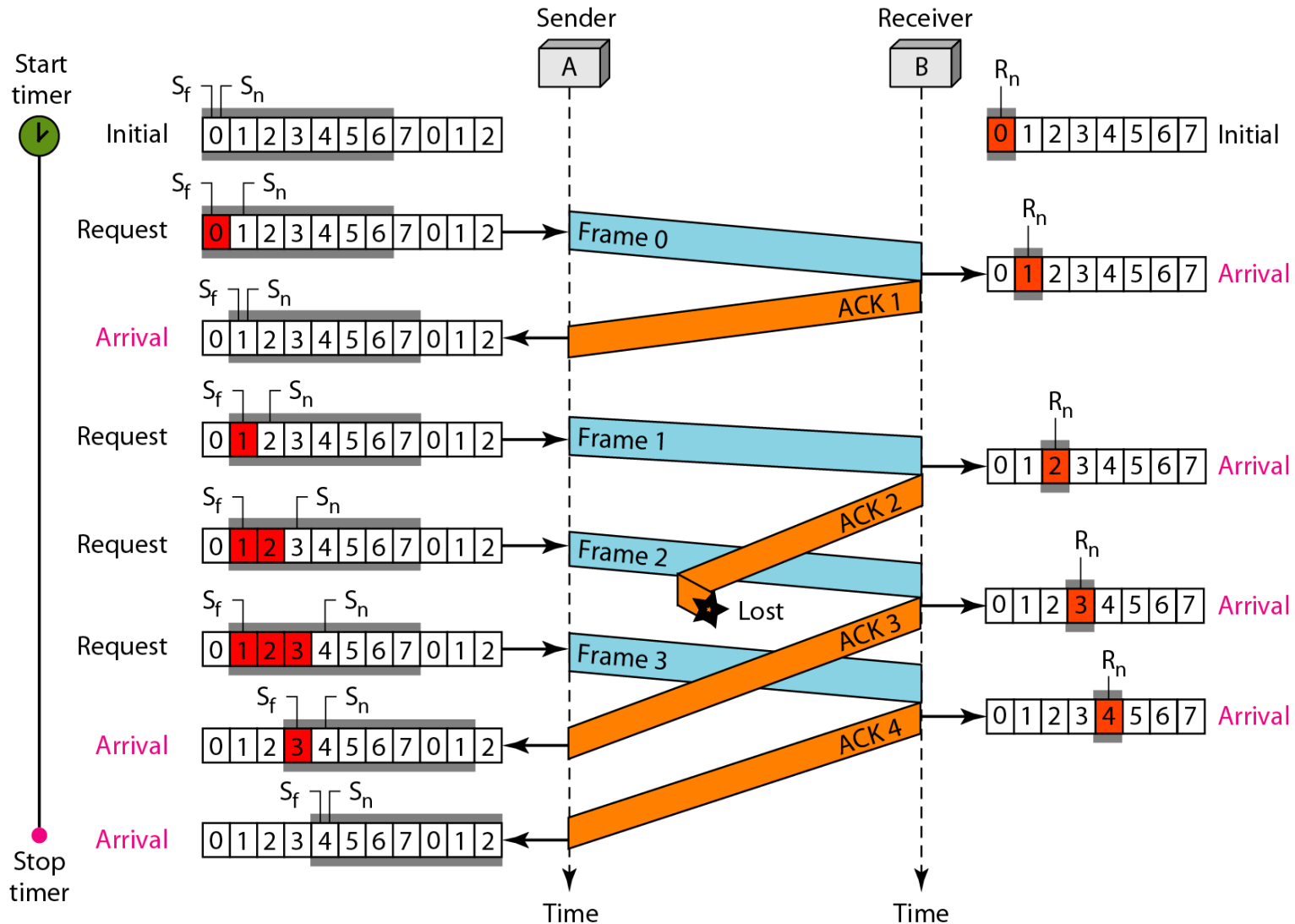


a. Window size $< 2^m$

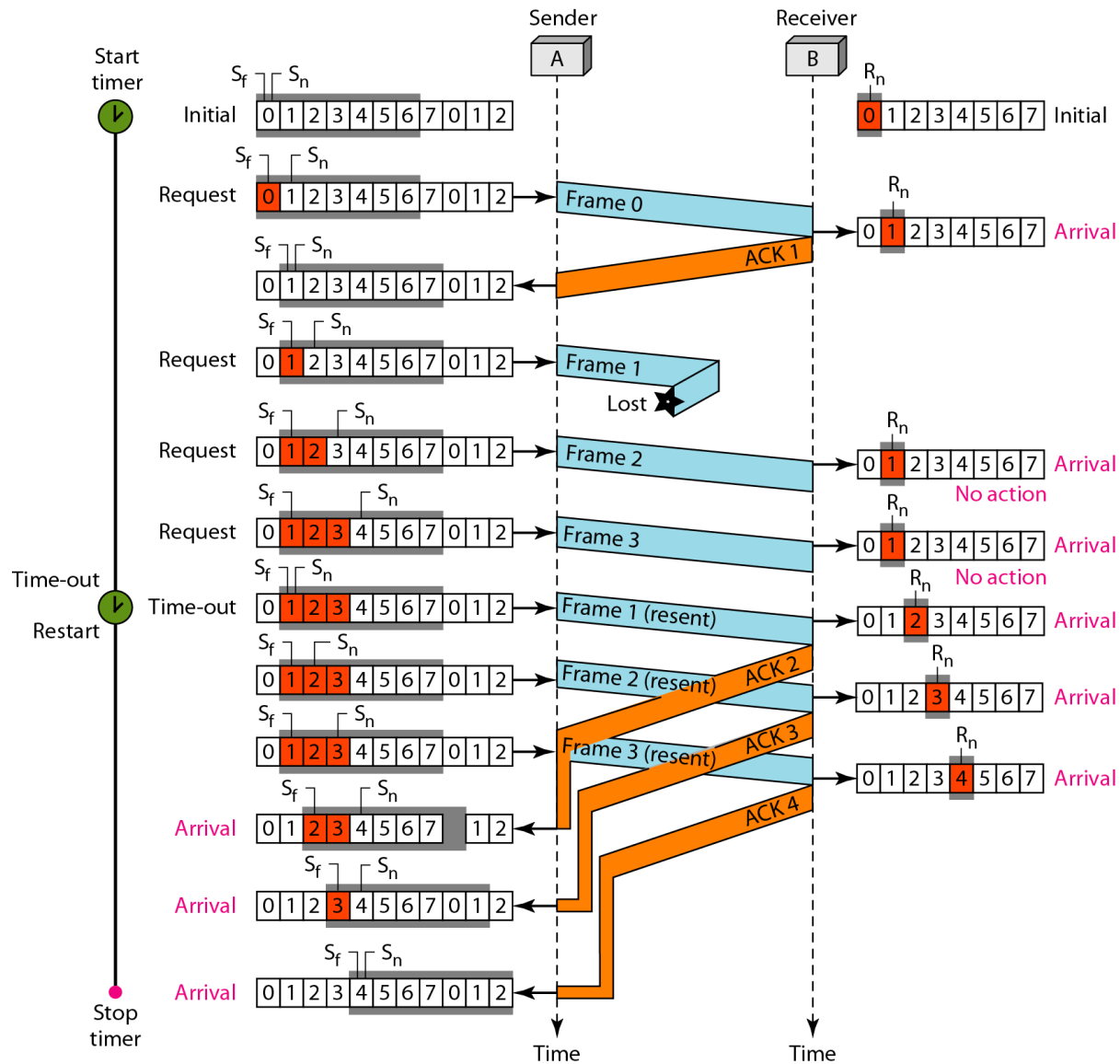


b. Window size $= 2^m$

Example 1 : Go-Back-N ARQ

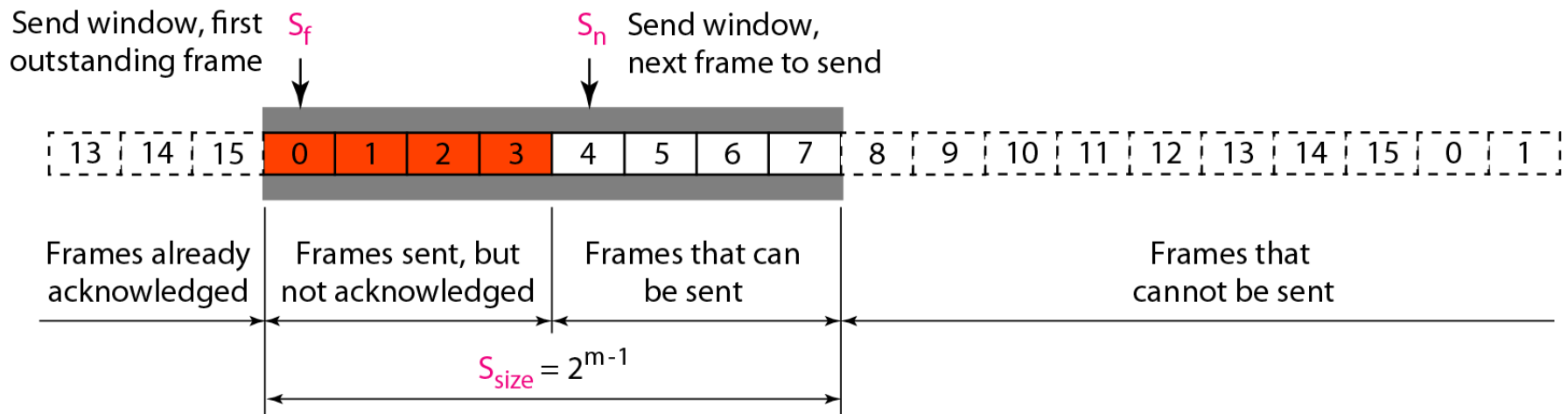


Example 2: Go-Back-N ARQ



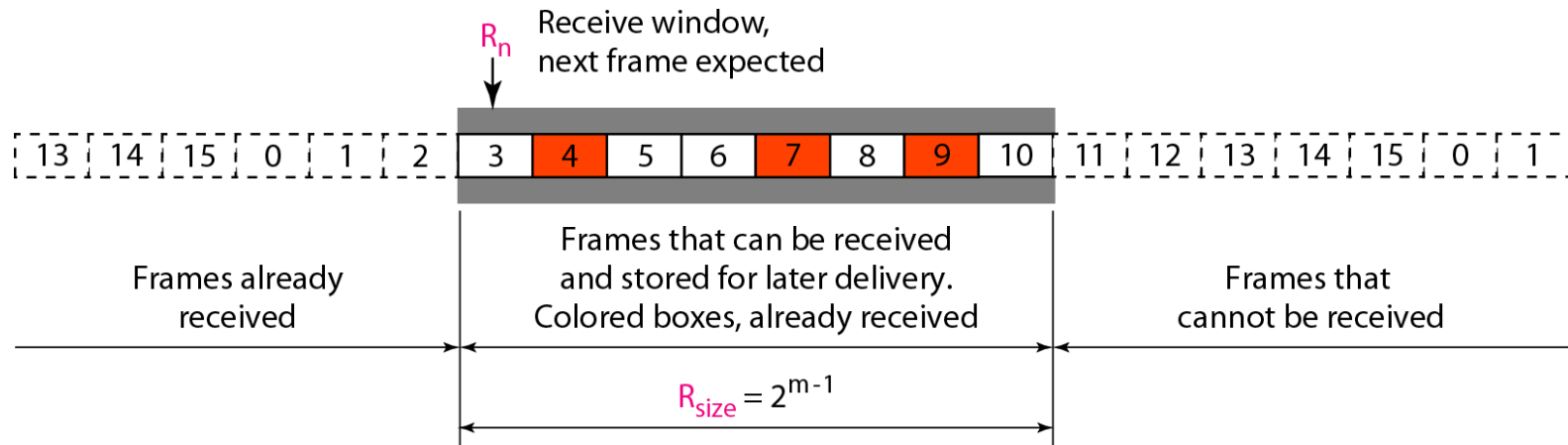
Selective Repeat ARQ

Send Sliding Window

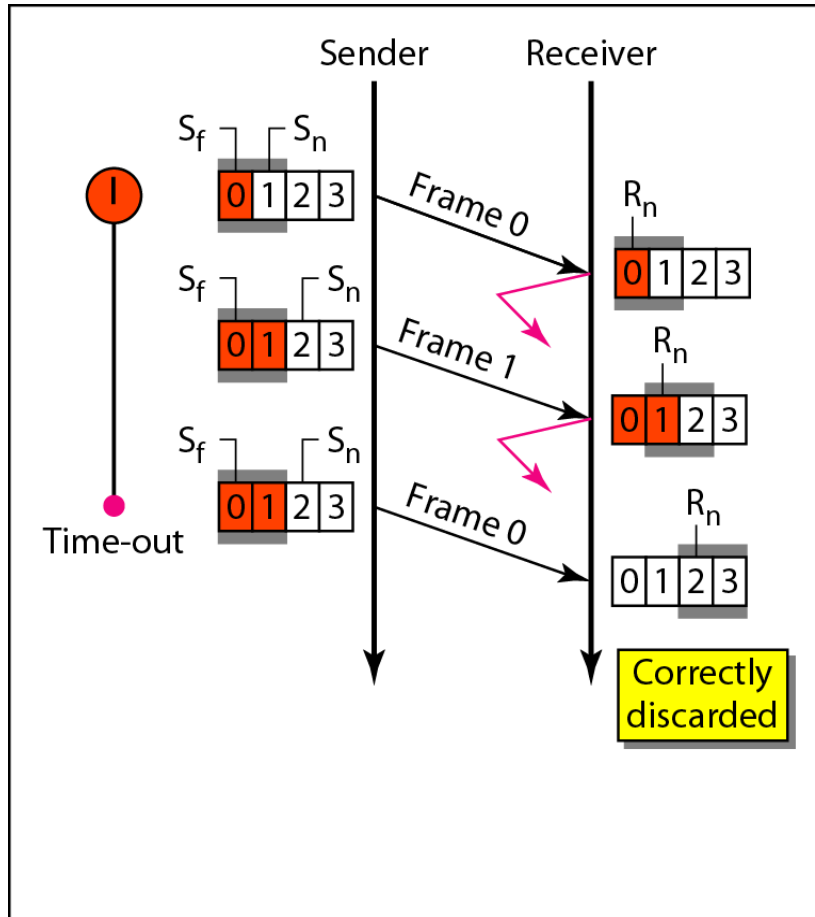


Selective Repeat ARQ

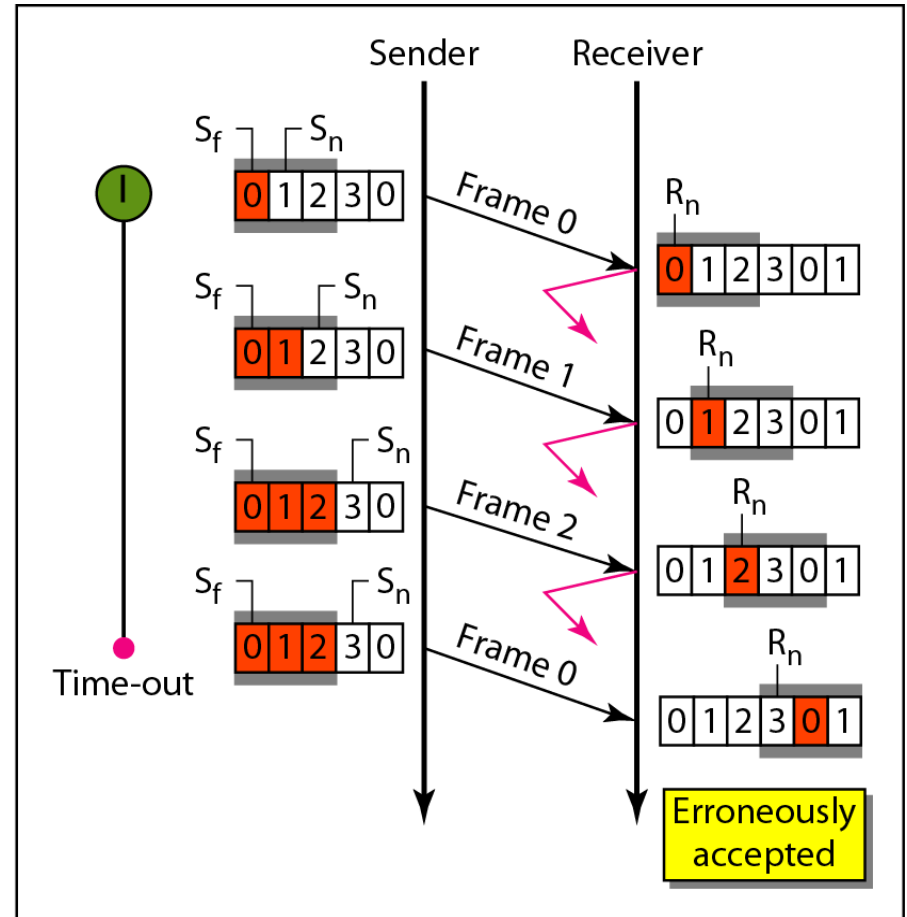
Receive sliding window



Selective Repeat ARQ, window size



a. Window size = $2^m - 1$



b. Window size > $2^m - 1$

Example 1: Selective Repeat ARQ

