Comments on RFC 123

The following is my interpretation of the exchange between NCP’s which would be necessary to carry out the Initial Connection Protocol of RFC 123.

Server NCP

Listen for Connection on L
STR, L, U, 32

Send 32 bits of data
in 1 message on link l
   (value is S)

Receive 32 bits of data
from link l (value is S)

CLS, L, U
STR, S+1, U, B
RTS, S, U+1, l

wait for connection

ALL, l , m , b
   B   B   B
data sent on link l
   c

B

User NCP

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RTS, U, L, 1
   A

Receive 32 bits of data
from link l (value is S)
   A

CLS, U, L
STR, U+1, S, B
RTS, U, S+1, l

wait for connection

ALL, l , m , b
   c   c   c
data sent on link l
   B
data received on link l
   c
\[ l_A, l_B, \text{ and } l_c \text{ are links, } m_A \text{ and } m_B \text{ are message allocations, } b_B \text{ and } b_B \text{ are bit allocations, and all other symbols are as defined in RFC 123.} \]