Initial Connection Protocol Control Commands

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. (This note corrects an error pointed out by Eric Harslem of RAND)

**Server NCP**

- Listen for Connection on L
- STR, L, U, 32
- Send 32 bits of data in 1 message on link $\ell_A$
  (value is S)
- CLS, L, U
- STR, S+1, U+1, B_S
- RTS, S, U+1, $\ell_B$
- wait for connection
- ALL, $\ell_B$, $m_B$, $b_B$

**User NCP**

- RTS, U, L, $\ell_A$
- ALL, $\ell_A$, 1, 32
- Receive 32 bits of data from link $\ell_A$ (value is S)
- CLS, U, L
- STR, U+1, S, $B_u$
- RTS, U, S+1, $\ell_c$
- wait for connection
- ALL, $\ell_c$, $m_c$, $b_c$

- data sent on link $\ell_c$
- data received on link $\ell_B$

$\ell_A$, $\ell_B$, and $\ell_c$ are links, $m_B$ and $m_c$ are message allocations, $b_B$ and $b_c$ are bit allocations, and all other symbols are as defined in RFC #123.