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# 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	User NCP
_____	_____
Listen for Connection L	RTS, U, L, 1 A
STR, L, U, 32	ALL, 1 , 1, 32 A
Send 32 bits of data in 1 message on link 1 A	
(value is S)	Receive 32 bits of data from link 1 (value is S) A
CLS, L, U	CLS, U, L
STR, S+1, U+1, B S	STR, U+1, S, B u
RTS, S, U+1, 1 B	RTS, U, S+1, 1 C
wait for connection ALL, 1 , m , b B B B	wait for connection ALL, 1 , m , b C C C
data sent to link 1 C	data sent on link 1 B
data received on link B	data received on link 1 C

$l_A$ ,  $l_B$ , and  $l_C$ , are links,  $m_B$  and  $m_C$  are messages allocations,  $b_B$  and  $b_C$  are bit allocations, and all other symbols are defined in RFC #123.

[This RFC is also available in .PS and. PDF format.]

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