USER/SERVER SITE PROTOCOL
NETWORK HOST QUESTIONNAIRE

The answer to a number of questions about the characteristics and operation of Network HOSTS will be useful to implementers of some early versions of TELNET, and/or to the USER/SERVER SITE PROTOCOL Committee in their consideration of a full TELNET PROTOCOL specification.

Questions of current interest are covered on the attached questionnaire. The Technical Liaison contact at each HOST site is asked to review these questions and fill in the answers as soon as convenient after receipt.

One of the members of the committee listed below will contact each HOST site by telephone in the next few days to record the answers.

Committee members include:

Bob Long	SDC
John Melvin	SRI/ARC
Ed Meyer	MIT/MAC
Tom O'Sullivan	RDS

Results of the questionnaire will be tabulated and distributed as an RFC.

NETWORK HOST QUESTIONNAIRE*

For TELNET Consideration

Installation _____   Prepared By _____

System** _____   Date _____

1.)   Does system operate on keyboard terminal input on one
        character at a time (e.g. searching for a special
        character other than end of line), or does it accumulate
        a line at a time and operate on the line when a
        special character is entered, e.g. Carriage Return (CR)?

        [ ] Line at time

        [ ] Character at time

        [ ] Both (Explain) _____

        _____

        _____

        _____

2.)   What maximum buffer size does your system provide for
        input of a physical line from a keyboard terminal, and
        for output to a terminal, printer, or screen?

                Input_____Char

                Output_____Char

        Remarks: _____

        _____

        _____

        _____

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  * If there is insufficient space on the questionnaire, continue
    answers on back of page.

 ** Fill out separate questionnaire for each HOST to be directly
    interfaced to an IMP.

Network HOST Questionnaire (Continued)

3.)   Describe the effect in your system of use of the following
      keying conventions. Indicate how implemented, i.e. is there
      a hardware interrupt? Does the terminal respond? How?
      What is sent into system as data, what is echoed, etc.
      If the key(s) are not available, so indicate (as may be
      the case for Newline for some systems, line feed for 2741's,
      etc.). If available but has no meaning, so indicate.

      Key Strokes   Implementation   System Action

         CR   _____   _____

         LF   _____   _____

         NL   _____   _____

        CR,LF   _____   _____

            Terminal Type = _____

      If appropriate, enter data for other terminal types on the
      back of this page.

4.)   What special character or characters are used in your
      system to awaken some process during the entry of data
      from a terminal (e.g. control C for some systems, break on
      others, etc.)?

      Character(s)   Operation

      _____   _____

      _____   _____

      _____   _____

      _____   _____

5.)   List the types of keyboard terminals and codes supported
        by your system.

        _____

        _____

        _____

6.)   What internal code(s) is used in your system to represent
        character sets? If not ASCII nor EBCDIC, attach a copy of
        the code.

        _____

        _____

        _____

7.)   For each terminal type do you support it in:

        Half Duplex (Pure) _____

        Half Duplex (with Break or Attention) _____

        Half Duplex (Break & Reverse Break) _____

        Full Duplex (without echo) _____

        Full Duplex (with echo) _____

8.)   For optional echo systems, at initial connect time
       is the terminal assumed to require an echo?

               [ ] Yes

               [ ] No

9.)   Does your system perform error detection (e.g. parity
        check) on terminal input and, if so, is this a hardware
        or software check?

_____

_____

_____

10.)   Does your system support punched paper tape input? If so,
        what sort of end of line sequence is used?

_____

_____

_____

        [This RFC was put into machine readable form for entry]
           [into the online RFC archives by S.M.H. 5/97]