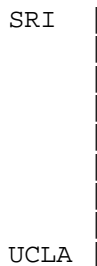


### Network Timetable

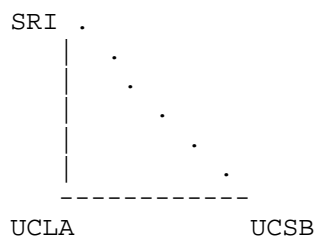
- 1 (n10) network checkout
- 2 Installation of communication gear 8/1/69
  - 2a From AT&T and/or BBN need dimensional, power and cabling specifications
  - 2b Need to establish SRI desired alternate locations so as to determine maximum telco cable lengths
  - 2c Need to establish location and drops on voice coordination circuits
  - 2d Need circuit information on voice drops for tie to intercom system
  - 2e Need to order and install a.c. power (coordinate with 4b)
  - 2f See 16
- 3 Design and construct host-Imp interface 9/1/69
  - 3a Need specifications from BBN
  - 3b Develop trial design
  - 3c Review with system programmers
  - 3d Establish final design
  - 3e Build and design hardware
  - 3f Debug trial software with hardware loop test
- 4 Imp installation 9/15/69
  - 4a from BBN get dimensional, power and cabling specifications
  - 4b SRI orders and installs a.c. power (coordinate with 2e)

- 5 Debug host-Imp interface 10/1/69
  - 5a Get debug specifications and procedures from BBN
  - 5b Write programs to debug with BBN
    - 5b1 Transfers of test messages
    - 5b2 Test procedures for crash and recovery
    - 5b3 Check message fill and stripping procedures
  - 5c Try own transfer tests
    - 5c1 Verify transfers to Imp
    - 5c2 Verify transfers from Imp
    - 5c3 Verify transfers looped with Imp
  - 5d Work out Imp reload and restart procedures
- 6 Test messages between UCLA-SRI 10/15/69
  - 6a Network configuration



- 6b Agree with UCLA on nature of test messages
  - 6b1 Formats
  - 6b2 Sequences
  - 6b3 Checks
  - 6b4 Test procedures
  - 6b5 Fault reporting

- 6c Test integrity of messages
- 6d Test sequence of delivery
- 6e Measure delays
- 6f Loop with UCLA
- 6g System response to invalid and abnormal conditions
- 6h Lose and restore facilities
  - 6h1 Communication link
  - 6h2 Imps
  - 6h3 Hosts
- 6i Develop net trouble reporting scheme
- 7 Test messages between UCSB-SRI 11/15/69
  - 7a Network configuration



- 7b All of 6
- 7c Load network for alternate routing to be effective
- 7d Develop voice coordination scheme
  - 7d1 Three way conference
  - 7d2 Design and build conference gear
  - 7d3 Deliver conference gear to UCLA and UCSB
- 7e Route messages around ring
  - 7e1 Via Imps

7e2 Via hosts

7e3 Six tests

7e3a UCLA-I, UCSB-I

7e3b UCLA-H, UCSB-I

7e3c UCLA-H, UCSB-H

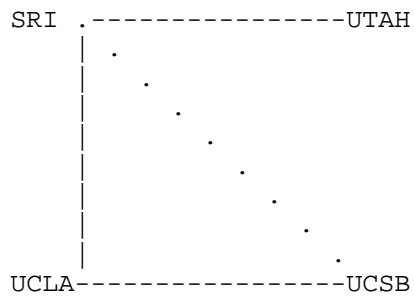
7e3d UCSB-I, UCLA-I

7e3e UCSB-H, UCLA-I

7e3f UCSB-H, UCLA-H

8 Test messages between UTAH-SRI 12/15/69

8a Network configuration



8b Selected group of previous test

8b1 All of 6

8b2 7b

8c Expand voice coordination scheme

8c1 UTAH has access to UCLA and UCSB via SRI

8c2 with BBN and ARPA

9 Run simple TTY systems

9a Single user access

- 9a1 On a serving host
  - 9a1a A to B
- 9a2 From a using host
  - 9a2a A to B
- 9b Multiple user access
  - 9b1 On a serving host
    - 9b1a A,C to B
  - 9b2 From a using host
    - 9b2a A,A to B
  - 9b3 Various combinations
- 9c Login, logout, in and out of subsystems
- 9d Handling of error messages, crashes, recoveries
- 9e Establish message formats
- 9f Establish protocols
- 9g File storage and retrieval
- 9h Need user's guides for each site
- 9i Need to establish usage schedules
- 9j Need to set user names
- 9k Design and build comm exec or its equivalent
- 10 Run simple typewriter systems
  - 10a Same as 9c - 9g
  - 10b How define when in half or full duplex mode
  - 10c How to set "break" characters
- 11 Run arbitrary terminals without local feedback

- 12 Run arbitrary terminals
- 13 Move files
- 14 Develop debugging techniques
  - 14a Fault detection
    - 14a1 Conformance to manual
    - 14a2 "Reasonableness" of result
    - 14a3 Comparison with alternate form of use
  - 14b Cause localization
    - 14b1 Comm-Imp complex
    - 14b2 Serving host
    - 14b3 Using host
    - 14b3 Try other programs
    - 14b5 Monitor subsystem via "link" procedures, where possible
      - 14b5a Use dialup Dataphone
      - 14b5b Use voice coordination channel
    - 14b6 Move canned messages
  - 14c Cause determination
  - 14d Cause correction

[ This RFC was put into machine readable form for entry ]  
[ into the online RFC archives by David Capshaw 11/97 ]

