directory bbn-net

With all the new nls users around here, our directory has become a
mess, and earlier this morning was over allocation, preventing me
from sending this message to you all. You cannot do anything in nls
if you are over allocation; the system blocks at all attempts. I
already deleted a few unwanted files this morning, and I hereby
appoint myself to keep the directory clean in the future. If you
have files you want saved now, please let me know because next week I
will delete anything I don't recognize. Also I would suggest you
identify your files with you initials in some manner, so it is easier
to sort them out. Thanks, Nancy   1

17449 Distribution
    Alex A. McKenzie, Frank E. Heart, Joel B. Levin, Julie B. Moore,
    Michael F. Kraley, Nancy W. Mimno, Phyllis Hauser, Robert D. (Bob)
    Bressler, W. B. Barker, Will R. Crowther,

tipug

Marcia, Please add≠ Terry Devine, Dept. of Computer Science, Rutgers
University , University Heights Campus, New Brunswick,   N.J.   08903,   1

to the TIPUGMEMLIST.   Would you send an acknowledgement to Dave
Walden or Phyllis Hauser when done.   Thanks.   2

17456 Distribution
    Marcia Lynn Keeney, Marcia Lynn Keeney,

tipug

(J17456) 26-JUN-73 07:47;   Title: Author(s): Phyllis Hauser/PH;
Distribution: /MLK MLK; Sub-Collections: NIC; Clerk: PH;
Origin: <BBN-NET>TIPUG.NLS;1, 26-JUN-73 07:28 PH ;

HOW DO I GET INTO IDENT SYSTEM?   E ID DOES NOT SEEM TO WORK FOR ME.
ALSO, WHO SHOULD I HAVE ADDRESSED THIS QUESTION TO   bEST TO REPLY TO
ME THROUGH SNDMSG (RAW@CCA) AS I AM NOT VERY PROFICIENT WITH NIC YET.
RICHARD WINTER   1

17457 Distribution
    Jeanne B. North,

exercise

We would like you to do some specific things with the following
information to see how efficiently you operate in the AHI system. I
hope the instructions are sufficiently clear so you will have no
difficulty in understanding what you are to do.   1

This exercise was generated on the execuport terminal. There are no
correct answers to any of the questions, but we do want to get your
general feelings. Try and work as rapidly as is comfortable for you.
if you have time-interruptions please note them.   2

    Time started (0945)   2a

        I have been using the AHI system for 3 months.   2a1

        When I am writing or editing a manuscript I feel very
        comfortable with the AHI command language.   2a2

            --strongly agree Xagree --neutral --disagree --strongly
            disagree.   2a2a

            Why? Actually, I feel comfortable only with the commands I
            am sure I know how to use correctly. At this time, I have
            used some commands for the first time and, as you can see, I
            have used some of them incorrectly. I enjoy using this
            system because I know that I can get reports finished more
            quickly if I input and edit them myself.   2a2b

        The AHI system is helpful in my everyday work.   2a3

            --strongly agree Xagree --neutral --disagree --strongly
            disagree.[2a3a

    Time completed (1048)   2b

    Approximately 1 hour 3 minutes to complete   2c

exercise

(J17459) 26-JUN-73 08:07;   Title: Author(s): Frank S. LaMonica/FSL;
Distribution: /; Sub-Collections: RADC; Clerk: FSL;
Origin: <LAMONICA>EXERCISE.;5, 26-JUN-73 08:05 FSL ;

exercise(ahi)

We would like you to do some specific things with the following
information to see how efficiently you operate in the AHI system. I
hope the instructions are sufficiently clear so you will have no
difficulty in understanding what you are to do.   1

This exercise was generated on the execuport terminal. There are no
correct answers to any of the questions, but we do want to get your
general feelings. Try and work as rapidly as is comfortable for you.
if you have time-interruptions please note them.   2

   Time started (0945)   2a

     I have been using the AHI system for 3 months.   2a1

     When I am writing or editing a manuscript I feel very
     comfortable with the AHI command language.   2a2

       --strongly agree Xagree --neutral --disagree --strongly
       disagree.   2a2a

     Why? Actually, I feel comfortable only with the commands I
     am sure I know how to use correctly. At this time, I have
     used some commands for the first time and, as you can see, I
     have used some of them incorrectly. I enjoy using this
     system because I know that I can get reports finished more
     quickly if I input and edit them myself.   2a2b

   The AHI system is helpful in my everyday work.   2a3

     --strongly agree Xagree --neutral --disagree --strongly
     disagree.{   2a3a

   Time completed (1048)   2b

17462 Distribution
    James H. Bair,

1

exercise(ahi)

(J17462) 26-JUN-73 08:29;   Title: Author(s): Frank S. LaMonica/FSL;
Distribution: /JHB; Sub-Collections: RADC; Clerk: FSL;
Origin: <LAMONICA>EXERCISE.;7, 26-JUN-73 08:25 FSL ;

PAUL, I HAVE ADDED YOUR NAME TO FTPIG
WELCOME TO THE GROUP

PAUL, I HAVE ADDED YOUR NAME TO FTPIG
WELCOME TO THE GROUP

17463 Distribution
Paul R. Johnson,

The following is a tentative schedule of catalog production runs, including due time of completion and estimated time of completion, subject to review: 1

NIC and ARC JOURNAL CATALOGS   1a

DTC: weekly   1a1

ETC: no later than Wednesday of every week   1a2

NIC DIRECTORY   1b

DTC: monthly   1b1

ETC: no later than 5th day of the month   1b2

NIC CATALOG   1c

DTC: bi-monthly   1c1

ETC: two weeks after reception of corrected data base   1c2

NIC PROOF CATALOG   1d

DTC: upon request   1d1

ETC: 24 - 48 hours after request   1d2

COMMENTS: 2

(a) I must emphasize that the above is the estimated scale of operation. It is the way things should go, barring any severe difficulties.   2a

(b) It should be understood that every effort possible will be made to reach the above time schedule notwithstanding contingencies.   2b

(c) It is obvious from the above schedule that overlapping will occur at points in time, particularly with the production of the NIC catalog. The buyer(s) of any of these services should be well aware of the queuing considerations that could possibly cause delay. In case of such a logjam, priority will be given to jobs according to frequency of production, from lowest to highest -- i.e. the order of priority would be the following: 2c

1.   NIC CATALOG   2c1

2.   NIC DIRECTORY   2c2

RADCJOURNAL   2c2a

3.   NIC PROOF   2c3

4.   NICJOURNAL   2c4

     ARCJOURNAL   2c4a

                                                                        2d

17464 Distribution
    James C. Norton, Richard W. Watson, Beauregard A. Hardeman, Mil E.
    Jernigan, Marcia Lynn Keeney, Jeanne B. North, Michael D. Kudlick,

<JJOURNAL>17464.NLS;1, 26-JUN-73 16:12 XXX ; .HJOURNAL="BAH 26-JUN-73
09:01 17464"; Author(s): Beauregard A. Hardeman/BAH; Distribution:
/JCN RWW BAH MEJ MLK JBN MDK; Sub-Collections: SRI-ARC; Clerk: BAH;
.IGD=0; .SNF=HJRM; .RM=HJRM-7; .TABSTOPS=8,16,24,32,40,48,56,64;
.PGN=-1; .LBS=1; .PES;

1 The following is a tentative schedule of catalog production runs,
including due time of completion and estimated time of completion,
subject to review:

   1A NIC and ARC JOURNAL CATALOGS

      1A1 DTC: weekly

      1A2 ETC: no later than Wednesday of every week

   1B NIC DIRECTORY

      1B1 DTC: monthly

      1B2 ETC: no later than 5th day of the month

   1C NIC CATALOG

      1C1 DTC: bi-monthly

      1C2 ETC: two weeks after reception of corrected data base

   1D NIC PROOF CATALOG

      1D1 DTC: upon request

      1D2 ETC: 24 - 48 hours after request

2 COMMENTS:

   2A (a) I must emphasize that the above is the estimated scale of
   operation. It is the way things should go, barring any severe
   difficulties.

   2B (b) It should be understood that every effort possible will be
   made to reach the above time schedule notwithstanding contingencies.

   2C (c) It is obvious from the above schedule that overlapping will
   occur at points in time, particularly with the production of the NIC
   catalog. The buyer(s) of any of these services should be well aware
   of the queuing considerations that could possibly cause delay. In
   case of such a logjam, priority will be given to jobs according to
   frequency of production, from lowest to highest -- i.e. the order of
   priority would be the following:

      2C1 1. NIC CATALOG

      2C2 2. NIC DIRECTORY

        2C2A   RADCJOURNAL

    2C3 3. NIC PROOF

    2C4 4. NICJOURNAL

        2C4A   ARCJOURNAL

2D

test

? this is the message. It is only a test to find out if I know how
to use the thing.   1

17465 Distribution
   Dave Simonson,

1

test

(J17465)   26-JUN-73 09:17;   Title: Author(s): Dave Simonson/DS;
Distribution: /DS; Sub-Collections: NIC; Clerk: DS;

RESPONSE TO YOUR NOTE ON SURVEY FORMAT.

THE MESSAGE IS INCOMPLETE AS I EXCEEDED LITERAL LENGTH, MORE FOLLOWS.
RETRANSMISSION CAN BE HANDLED BY RECONNECTION. 6. WE ARE STORING DATA
ONDATA COMPUTER ASAP AND DETAILS ON OW TO USE THAT SERVICE ARE
FORTHCOMING. 7. THE CODE ASSIGNMENT SEEMS REASONABLE EXCEPT CODE 6
(ANY IDEA?). THANKS AGAIN.

RESPONSE TO YOUR NOTE ON SURVEY FORMAT.

THANKS FOR YOUR NOTE ON SURVEY FORMAT AND DOCUMENTATION
THE FOLLOWING ARE MY BRIEF COMMMENTS:
1. THERE CAN BE MANY TYPE OF SURVEYS, SURVEYING
TELNET SERVERS IS ONLY ONE TYPE WHICH WE CURRENTLY PERFORM.
OTHER TYPES ARE THE USE OF NCP RESETS AND ECHOES TO MEASURE NCP
AVAILABILITY AND RESPONSE TIME. ONE MAY WANT TO SURVEY AVAILABILITY
OF OTHER SPECIFIC RESOURCES SUCH AS FTP RJE ETC. THE METHOD OF
PROBING OU
R SURVEY USESIS FOR THE SPECIFIC PURPOSE OF SURVEYING SERVER TELNETS.
2. SINCE THE ICP IS AND SHOULD BE COMPLETED, A BETTER MEASURE OF
LOGGER RESPONSE TIME IS THE TIME TAKEN TO COMPLETE THE ICP (SEE MY
RFC 530, FORTHCOMING). ACTUALLY RESPONSE TIME IS QUITE AN ELUSIVE
PARAMETER - EG, RESPONSE TIME FOR RECEIVING FIRST STR OR SOCKET
NUMBER S, OR COMPLETE ICP OR RECEIVING PROMPT MESSAGE FROM SERVER OR
THE COMPLETION OF LOGIN ARE ALL VALID AND MAY FORM A PART OF SOME
LATER SURVEY ON RESPONSE TIMES (RATHER THAN HOST AVAILABILITY -
CHANGE THAT TO TELNET SERVER AVAILABILITY). OUR SURVEY MEASURED THE
TIME TO GET THE NUMBER S FIRSTDURING 1971-72, BYT NOW WE MEASURE THE
TIME FOR COMPLETE ICP.
3. I THINK TIME-OUT SHOULD BE THE CHOICE OF THE SURVEYOR SINCE IT
DEPENDS ON WHAT IS BEING SURVEYED AND HOW FREQUENTLY. 30 SECONDS
THOUGH IS A REASONABLE SUGGESTED GUIDELINE FOR THE PARTICULAR CASE OF
SURVEYING SERVER TELNETS.
4. WE CURRENTLYOFFER THE NETWORK STATUS SERVICE ON SOCKET 15 INSTEAD
OF 243 AS SUGGESTED BY YOU.WE CAN CHANGE THIS BUT BRESSLER AT BBN
SUGGESTED THAT THEIR PROGRAMS AT BBN WOULD PREFER 15 WHICH IS A
STANDARD FORNETWORK STATUS. WE CAN CHANGE THIS BUT OTHER PEOPLE WILL
THEN HAVE TO CHANGE THEIR PROGRAMS. I CONSULTED THE USER'S OF THIS
SERVICE (THE TENEXES) BEFORE DECIDING ON 15. PLEASE THINK IT OVER.
5. WE ARE CURRENTLY SENDING THE SURVEY DATA FOR THE "LAST" OR THE
MOST RECENT SURVEY AND DONT HANDLE THE "ACK" , "NAK" BUSINESS. AT THE
END WE SEND A "-1" AND CLOSE CONNECTIONS. IT IS A SUBSET OF A MORE
ELABORATE SERVICE SUGGESTED IN YOUR NOTE.   RETRANSMISSION CA   1

17466 Distribution
    Mark A. Kampe, Lou C. Nelson,

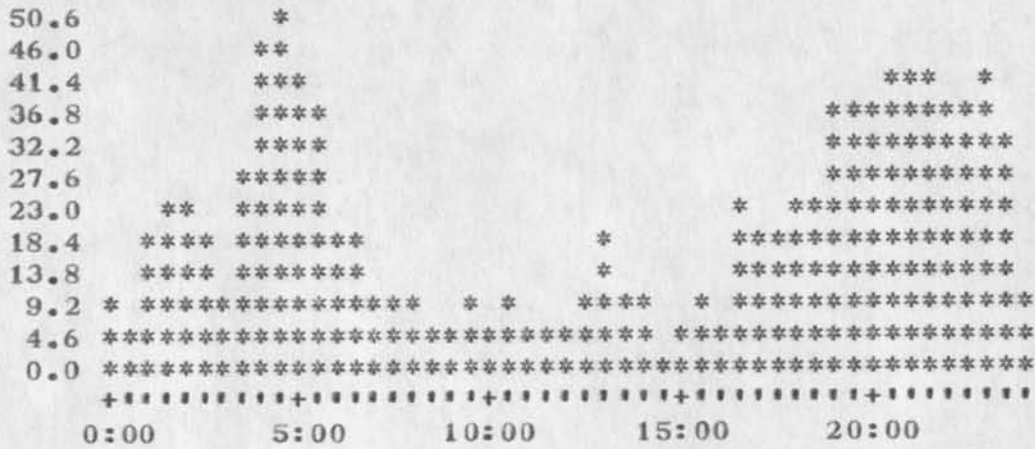RESPONSE TO YOUR NOTE ON SURVEY FORMAT.

(J17466)   26-JUN-73 09:23;   Title: Author(s): Abhay K. Bhushan/AKB;
Distribution: /MAK LCN; Sub-Collections: NIC; Clerk: AKB;

Superwatch Average Graphs for Week of 6/18/73

TIME PLOT OF AVERAGE IDLE TIME FOR WEEK OF 6/18/73
x axis labeled in units of hr:min,   xunit = 30 minutes   1

```
50.6              *
46.0              **
41.4              ***                                      *** *
36.8              ****                                *********
32.2              ****                                **********
27.6              *****                               **********
23.0        **    *****                          *   ************
18.4        **** *******                    *       ***************
13.8        **** *******                    *       ***************
 9.2 * ***************     * *    ****   *  ****************
 4.6 ************************************** ********************
 0.0 ****************************************************************
     +1111111111+1111111111+1111111111+1111111111+111111111
     0:00        5:00       10:00      15:00      20:00                          1a
```

TIME PLOT OF AVERAGE NUMBER OF GO JOBS FOR WEEK OF 6/18/73
x axis labeled in units of hr:min,   xunit = 30 minutes   2

```
5.5                        *
5.0                    * * *   *
4.5                  * * * *   ***
4.0                 ** ****** ****
3.5                 ********* *****
3.0                 *****************
2.5               ******************* **
2.0              ************************* *
1.5   *          *************************************
1.0   *****      ****************************************** *
0.5 ****************************************************************
0.0 ****************************************************************
    +1111111111+1111111111+1111111111+1111111111+111111111
    0:00        5:00       10:00      15:00      20:00                           2a
```

Superwatch Average Graphs for Week of 6/18/73

TIME PLOT OF AVERAGE PER CENT OF SYSTEM USED IN DNLS FOR WEEK OF
6/18/73
x axis labeled in units of hr:min,   xunit = 30 minutes   3

```
    24.2
    22.0
    19.8                         *       *       *
    17.6                         *       **      *
    15.4                        **       ****    *
    13.2                       ****      ****   * *
    11.0                   ********  ************
     8.8                   ********  ************   **
     6.6                   *********************************
     4.4                   ***************************************
     2.2     *             ***************************************
     0.0 *********************************************************************
         +•••••••••+•••••••••+•••••••••+•••••••••+•••••••••
         0:00      5:00      10:00     15:00     20:00                        3a
```
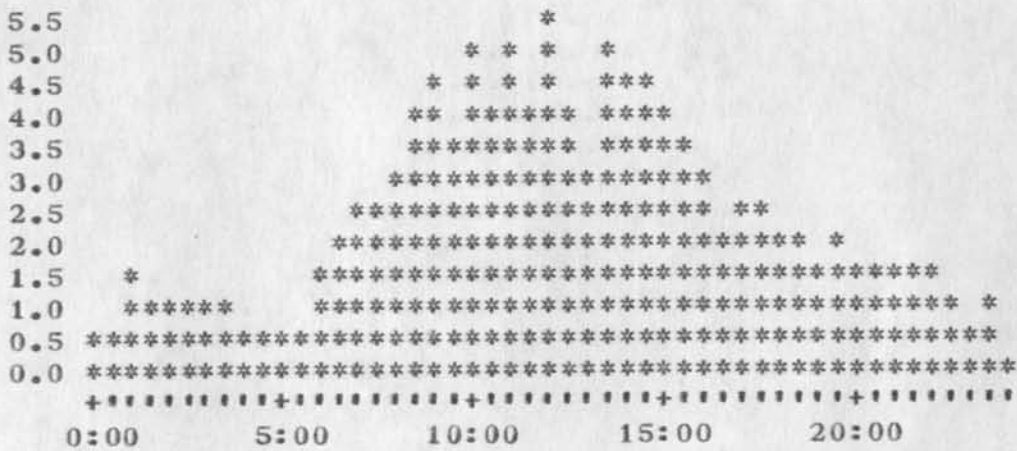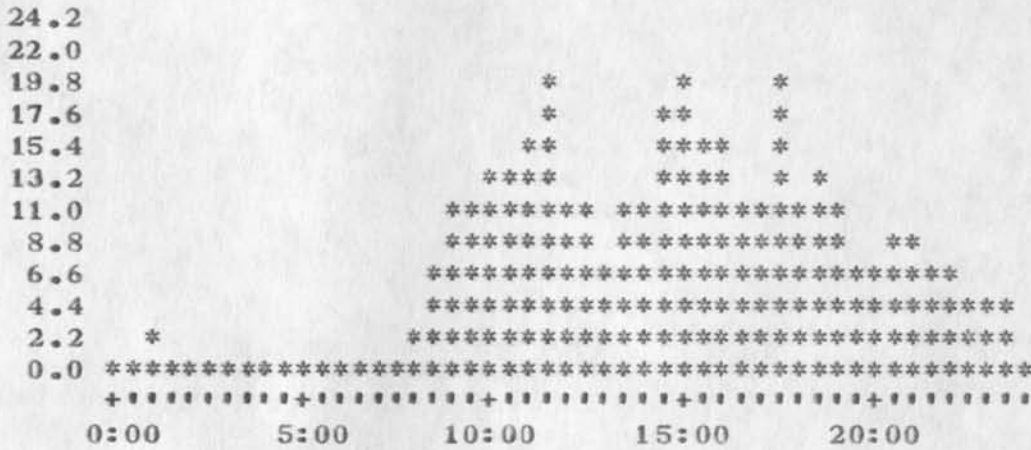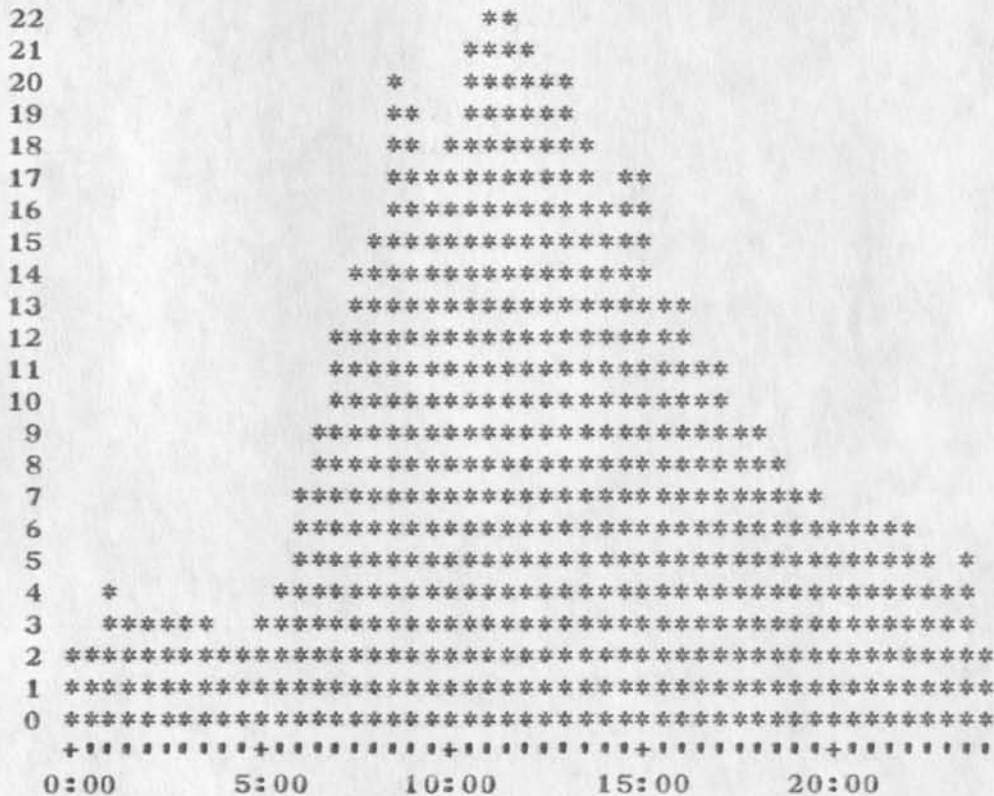
TIME PLOT OF AVERAGE NUMBER OF USERS FOR WEEK OF 6/18/73
x axis labeled in units of hr:min,   xunit = 30 minutes   4

```
     22                          **
     21                          ****
     20                   *      ******
     19                   **     ******
     18                   **  ********
     17                   *********** **
     16                   ***************
     15                   ***************
     14                  ****************
     13                  ******************
     12                 ******************
     11                 ***********************
     10                 *********************
      9                ***************************
      8                ******************************
      7               ********************************
      6               **********************************
      5               **************************************** *
      4      *        ***************************************
      3      ******   *****************************************
      2 ******************************************************************
      1 *******************************************************************
      0 *******************************************************************
         +•••••••••+•••••••••+•••••••••+•••••••••+•••••••••
         0:00      5:00      10:00     15:00     20:00                        4a
```
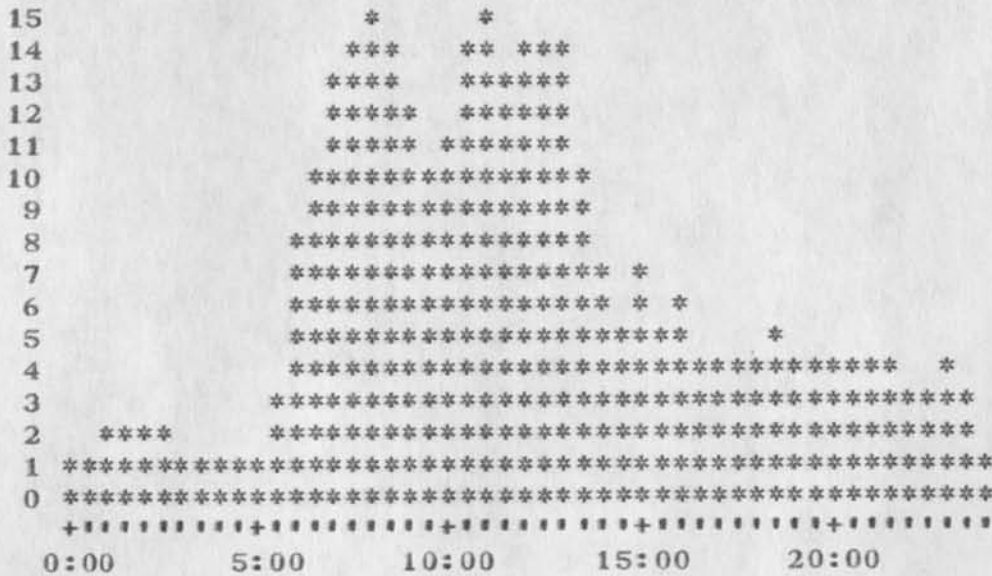
2

TIME PLOT OF AVERAGE NUMBER OF NETWORK USERS FOR WEEK OF 6/18/73
x axis labeled in units of hr:min,   xunit = 30 minutes   5
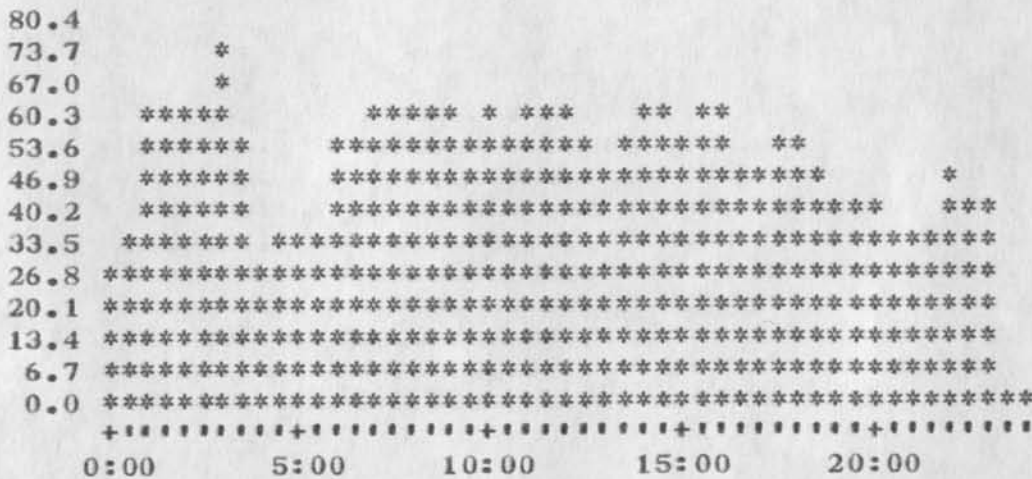
```
   15                           *         *
   14                          ***      ** ***
   13                          ****     ******
   12                          *****    ******
   11                          *****  *******
   10                          ***************
    9                          ***************
    8                          ***************
    7                          **************** *
    6                          **************** * *
    5                          ********************      *
    4                          ****************************************   *
    3                          ***********************************************
    2        ****              **********************************************
    1    *************************************************************************
    0    *************************************************************************
         +!!!!!!!!!+!!!!!!!!!+!!!!!!!!!!+!!!!!!!!!!+!!!!!!!!!
        0:00        5:00       10:00       15:00       20:00                        5a
```

TIME PLOT OF AVERAGE PER CENT OF CPU TIME CHARGED TO USER ACCOUNTS
FOR WEEK OF 6/18/73
x axis labeled in units of hr:min,   xunit = 30 minutes   6

```
  80.4
  73.7           *
  67.0           *
  60.3    *****              ***** * ***    ** **
  53.6    ******      ************** ******   **
  46.9    ******      **************************      *
  40.2    ******      ****************************   ***
  33.5   *******  ***********************************************
  26.8   ***********************************************************
  20.1   ***********************************************************
  13.4   ***********************************************************
   6.7   **********************************************************
   0.0   **********************************************************
         +!!!!!!!!!+!!!!!!!!!+!!!!!!!!!!+!!!!!!!!!!+!!!!!!!!!
        0:00        5:00       10:00       15:00       20:00                        6a
```

17467 Distribution
    James C. Norton, Richard W. Watson, Douglas C. Engelbart, Paul Rech,
    Donald C. (Smokey) Wallace, Jeffrey C. Peters, Dirk H. Van Nouhuys,
    Elizabeth J. (Jake) Feinler, Charles F. Dornbush, Kirk E. Kelley,
    Duane L. Stone, Beauregard A. Hardeman,

Superwatch Average Graphs for Week of 6/18/73

(J17467) 26-JUN-73 09:50;   Title: Author(s): Susan R. Lee/SRL;
Distribution: /JCN RWW DCE PR DCW JCP DVN JAKE CFD KIRK DLS BAH;
Sub-Collections: SRI-ARC; Clerk: SRL;
Origin: <LEE>WEEK6/18GRAPHS.NLS;1, 25-JUN-73 14:55 SRL ;

response to message of 19 june 1973

jean, 1

Thank you for responding to RFC #519. We at UCSB are very interested
in network documentation, as is everyone else. During the school
year we organize groups composed of undergraduate and graduate
students to hack away at resources of interest. During the summer
this effort wanes some due to lack of manpower. Nevertheless we are
interested in collaborating with mitre-tip in locating information
about network resources. 2

I will send you copies of the reports you asked for. Please keep in
mind that they are generated by individuals who were novices to the
network prior to beginning investigation. Thus some reports may be
nieve(sp?) , incomplete, or even harsh as befitted the lack of
experience of the investigator. Other reports, however, are quite
good and reflect painstaking inquiry (e.g. MATHLAB). I hope you will
find useful information in all of them. 3

One way in which we would like to collaborate with you is in
providing information about the UCSB IBM 360/75 complex. A user
guide which summarizes all phases of the computer center's services
is being written. Unfortunately it is still several months
downstream, but I've been able to abstract a section on available
public OLS user programs. I will xerox that and send it to you in
its uncensored form with the other reports. If you would like to try
running things on the OLS and want some help, give me a call at (805)
961-3221 or send me a journal message. 4

As to your HELP files and Calvin's work, I have only begun to look at
it all. It looks like an excellent start, but I will need more time
to play around with it. Please send us your compiled USERS RESOURCE
HANDBOOK as soon as you complete it. 5

Sincerely,   John Pickens 6

17468 Distribution
   Jean Iseli,

response to message of 19 june 1973

(J17468) 26-JUN-73 10:07;   Title: Author(s): John R. Pickens/JRP;
Distribution: /JI; Sub-Collections: NIC; Clerk: JRP;
Origin: <UCSB>JIMESSAGE.NLS;3, 26-JUN-73 10:04 JRP ;

State of COM

In our last run at DDSI, stick fonts appeared higher on the line than
painted fonts. I spoke to Paul Johnson yesterday and he claims to
have solved the problem. We are expecting the output tomorrow and
will see.
Yesterday I received one page from Paul to be formatted on our
system. I am spending this morning on that.   1

State of COM

17469 Distribution
   Jeanne B. North, Walt Bass, N. Dean Meyer, Douglas C. Engelbart,
   Richard W. Watson, Dirk H. Van Nouhuys, James C. Norton, Marilyn F.
   Auerbach,

State of COM

(J17469)   26-JUN-73 10:46;   Title: Author(s): N. Dean Meyer/NDM;
Distribution: /COM; Sub-Collections: SRI-ARC COM; Clerk: NDM;

Draft of Feature Article

The draft for the feature article on UCSB follows. Please accept my apologies for being late in getting this out. This is the first chance I've been able to get into SRI-ARC during the last two days. Incidentally, the 'off-quota' facility at SRI seems to discriminate against UCSB (more on this later). 1

AN INTRODUCTION TO THE UCSB COMPUTER SYSTEMS LABORATORY 2

TODAY 2a

The Computer Systems Laboratory (CSL) is an Organized Research Unit located on the campus of the University of California at Santa Barbara (UCSB). The primary mission of CSL is research and development in computer science and technology. Its mandate is to provide the enviroment and support, on a multi-disciplinary basis, for faculty and graduate students to interact in the exchange of ideas and interests related to computing. 2a1

To this end, the staff of CSL provides both the facilities and the man-power to assist in computer systems development. 2a2

BACKGROUND 2b

In the early 1960's the Laboratory, with ARPA support, began the implementation of the Culler-Fried Online System. This interactive system with graphic display output is now in general use on an IBM 360/75. Approximately 60 graphic display terminals located at UCSB, and elsewhere across the nation, are supported by this system. 2b1

In support of its research projects the Laboratory has designed numerous pieces of custom hardware including graphic terminals, communication controllers, and peripheral equipment interfaces. 2b2

The Laboratory produced one of the first IMP interfaces and Network Control Programs on the ARPA Network (November 1969). Since then CSL has provided hardware interfaces for other sites on the Network and a variety of software packages or Network use. 2b3

The UCSB central Computer Center has an IBM System/360 Model 75 with 2-1/2 million bytes of core, two 2314 disc storage facilities (16 drives), six tape drives, one card reader-punch, two line printers, and interfaces for the campus Online System and ARPA Network. 2b4

The Laboratory has an SEL 810B with an interactive signal processing system. This processor also has a minimal NCP for

Draft of Feature Article

communication with the Network by way of the 360/75. The SEL
is connected to an IBM 1800 as well. Both systems support
graphic terminals, analog input and output, and a variety of
video and audio equipment.   2b5

RESOURCES   2c

The major custom hardware attachments to the 360/75 are: 2c1

    Interface-IMP/360 - Link to the ARPANET   2c1a

    Multi-line Controller - Inerface for custom devices   2c1b

    Store-and-Forward Buffer - Graphic and RJE terminal
    interface   2c1c

    High-speed data link - 360/75 to SEL 810B   2c1d

    Parallel Data Link - SEL 810B to IBM 1800.   2c1e

Other attachments include mini-computers in Chemistry,
Poli-Sci, and Physics, and many graphics terminals including a
Tektronix 4002 and an Imlac as well as our locally fabricated
terminals. The mini-computers and terminals all have access to
the ARPA Network via the Network Control Program resident in
the 360/75.   2c2

The major software systems are as follows: 2c3

    Operating System - OS MVT Release 21   2c3a

    HASP - Supports local and remote batch processing   2c3b

    On-line System (OLS) - Interactive graphics system   2c3c

    Network Control Program - Interface to ARPA Network.   2c3d

Standard compilers and programs available on the 360/75
include: 2c4

    ALGOL(F&W), ASSEMBLER(F&G), ANISN COBOL, ANS COBOL II & IV,
    CSMP, EXTERMINATOR-2, FORTRAN IV(G&H), IMS-1, GPSS, PL/1,
    PL/C, RPG, SNOBOL, SORT/MERGE, TSP, WATFIV, and a variety of
    statistical packages (BIOMED, CROSS TABS II, DATA-TEXT, SAS,
    SPSS, OSIRIS II, UC/360).   2c4a

PERSONNEL   2d

Personnel concerned with Network activities that can be
contacted regarding different areas of interest are: 2d1

Ron Stoughton - General software questions   2d1a

Ed Faeh - Graphics and DRS   2d1b

Mark Krilanovich - NCP, RJS, SMFS   2d1c

John McAfee - SEL signal processing   2d1d

John Pickens - Network resouce sharing   2d1e

Nancy Vaughan - Experimental accounts   2d1f

Gloria Gray - Computer Center accounts   2d1g

Roland Bryan - Hardware.   2d1h

The Principal investigator for ARPA Network projects is Roland
Bryan. Laboratory personnel can be reached by telephone through
the main CSL number: (805)961-3221. Network mail can be sen}t
by way of NIC with idents or to BRYAN@USC-ISI, UCSB@USC-ISI, or
UCSB@SRI-ARC.   2d2

Jed E. Donnelley
Lawrence Livermore Labs L-307
Box 808
Livermore, Calif. 94550

To:

Donnelley, Jed E.
Lawrence Livermore Labs L-307
Box 808
Livermore, Calif. 94550

17487

Author Copy

17471 Distribution
   Jean Iseli, Jeanne B. North,

Draft of Feature Article

(J17471) 26-JUN-73 17:05;   Title: Author(s): Roland F. Bryan/RFB;
Distribution: /JI JBN; Sub-Collections: NIC; Clerk: RMS;
Origin: <UCSB>FEATURE.NLS;1, 26-JUN-73 16:58 RFB ;

Ames TIP change

The Ames TIP phone number has changed to 965-5743.   1

17472 Distribution

Donald C. (Smokey) Wallace, Richard W. Watson, Don I. Andrews,
Mark Alexander Beach, Judy D. Cooke, Marcia Lynn Keeney, Carol B.
Guilbault, Susan R. Lee, Elizabeth K. Michael, Charles F. Dornbush,
Elizabeth J. (Jake) Feinler, Augmentation Research Handbook, Kirk E.
Kelley, N. Dean Meyer, Kay F. Byrd, James E. (Jim) White, Diane S.
Kaye, Paul Rech, Michael D. Kudlick, Ferg R. Ferguson, Linda L. Lane,
Marilyn F. Auerbach, Walt Bass, Douglas C. Engelbart, Beauregard A.
Hardeman, Martin E. Hardy, J. D. Hopper, Charles H. Irby, Mil E.
Jernigan, Harvey G. Lehtman, Jeanne B. North, James C. Norton,
William H. Paxton, Jeffrey C. Peters, Jake Ratliff, Edwin K. Van De
Riet, Dirk H. Van Nouhuys, Kenneth E. (Ken) Victor

Ames TIP change

(J17472)   26-JUN-73 11:33;   Title: Author(s): Diane S. Kaye/DSK;
Distribution: /SRI-ARC; Sub-Collections: SRI-ARC; Clerk: DSK;

Group Allocations: Startup of New Allocations and Assignments--re:
(17248,)

We have not received any suggested changes to the Group allocations
and assignments outlined in (17248,) and therefore plan to proceed
with implementing that initial setup. Since Smokey Wallace will be
staying in close contact with the initial user reactions, we plan to
wait until he returns early next week (Tuesday?) to bring up the
system. We will send out a message informing users of the date and
time we will be operating under these allocations.   1

17473 Distribution
Donald C. (Smokey) Wallace, Richard W. Watson, Don I. Andrews,
Mark Alexander Beach, Judy D. Cooke, Marcia Lynn Keeney, Carol B.
Guilbault, Susan R. Lee, Elizabeth K. Michael, Charles F. Dornbush,
Elizabeth J. (Jake) Feinler, Augmentation Research Handbook, Kirk E.
Kelley, N. Dean Meyer, Kay F. Byrd, James E. (Jim) White, Diane S.
Kaye, Paul Rech, Michael D. Kudlick, Ferg R. Ferguson, Linda L. Lane,
Marilyn F. Auerbach, Walt Bass, Douglas C. Engelbart, Beauregard A.
Hardeman, Martin E. Hardy, J. D. Hopper, Charles H. Irby, Mil E.
Jernigan, Harvey G. Lehtman, Jeanne B. North, James C. Norton,
William H. Paxton, Jeffrey C. Peters, Jake Ratliff, Edwin K. Van De
Riet, Dirk H. Van Nouhuys, Kenneth E. (Ken) Victor

Group Allocations: Startup of New Allocations and Assignments--re:
(17248,)

(J17473)   26-JUN-73 11:48;   Title: Author(s): James C. Norton/JCN;
Distribution: /SRI-ARC; Sub-Collections: SRI-ARC; Clerk: JCN;

not known

let us seeand so it will be.we get some other charactersif we can't
so what   1

   the new one is different   1a

     but this one is not   1a1

     this is my test line   1a2

this not be the new statementword at   2

we are not so surethat this will work but we can try to do it again
and again , we shall se to it that it will be ok   3

   let us seeand so it will be.we get some other charactersif we
can't so what   3a

   this not be the new statementword at   3b

   we are not so surethat this will work but we can try to do it
again and again , we shall se to it that it will be ok   3c

   if we want to do it later we can come bace   3d

   the new one is different   3e

     this is my test line   3e1

     this text new text my test line   3e2

if we want to do it later we can come bace   4

17474 Distribution
    John D. Day,

not known

(J17474) 26-JUN-73 12:03;   Title: Author(s): Jaacov Meir/JM2;
Distribution: /DAY; Sub-Collections: NIC; Clerk: JM2;
Origin: <ILLINOIS>NEWFILE.NLS;2, 26-JUN-73 07:26 JM2 ;

.hansen

let us seeand so it will be.we get some other charactersif we can't
so what   1

    the new one is different   1a

      but this one is not   1a1

      this is my test line   1a2

this not be the new statementword at   2

we are not so surethat this will work but we can try to do it again
and again , we shall se to it that it will be ok   3

    let us seeand so it will be.we get some other charactersif we
can't so what   3a

    this not be the new statementword at   3b

    we are not so surethat this will work but we can try to do it
again and again , we shall se to it that it will be ok   3c

    if we want to do it later we can come bace   3d

    the new one is different   3e

      this is my test line   3e1

      this text new text my test line   3e2

if we want to do it later we can come bace   4

17475 Distribution
   Jim H. Hansen,

.hansen

(J17475) 26-JUN-73 12:06;   Title: Author(s): Jaacov Meir/JM2;
Distribution: /JHH; Sub-Collections: NIC; Clerk: JM2;
Origin: <ILLINOIS>NEWFILE.NLS;2, 26-JUN-73 07:26 JM2 ;

ants

this is the message ok?

17477 Distribution
   University of Illinois ,

1

ants

(J17477)   26-JUN-73 12:17;   Title: Author(s): Jaacov Meir/JM2;
Distribution: /ILL-ANTS; Sub-Collections: NIC ILL-ANTS; Clerk: JM2;

JOURNAL MAIL - GLB/BAR2

   WE STILL SEEM TO BE UNABLE TO RECEIVE JOURNAL MAIL.   I HAVE
TRIED USING THE METHOD DEMONSTRATED IN THE PRIMER AND USING THE
SUBMIT MESSAGE COMMAND IN THE JOURNAL.   PERHAPS YOU COULD LOG IN
UNDER MY IDENT AND TRY ONE..... IN CASE I'M DOING SOMETHING WRONG.   1

   IF YOU HAVE ANY INFO ABOUT IT FOR ME (AND CAN'T TELL ME VIA THE
JOURNAL) YOU CAN SEND ME A MESSAGE - BOCKWEG@ISI .   2

       THANKS
                                                                            3

17478 Distribution
    Susan R. Lee, Gary L. Bockweg,

1

(J17478) 26-JUN-73 12:59; Title: Author(s): Gary L. Bockweg/GLB;
Distribution: /SRL GLB; Sub-Collections: NIC; Clerk: BAR2;
Origin: <ARPA>FFFFF.NLS;1, 26-JUN-73 12:39 BAR2 ;

↑T response

The response to a Control-T desn't end with a <cr-lf> combination
anymore. Is this intentional? 1

17479 Distribution
    Diane S. Kaye, Harvey G. Lehtman, Charles H. Irby,

↑T response

(J17479)   26-JUN-73 12:59;   Title: Author(s): David H. Crocker/DHC;
Distribution: /BUGS; Sub-Collections: NIC BUGS; Clerk: DHC;

lConnecting nls to the mail system

This has no doubt occurred to others, but ...

It would be nice to be able to send a journal message to someone who
does not have a journal ident. Probably the easiest way to implement
this would be to specify the person's name and address at
Distribution time.

I recognize that the goal is to Journalize everybody (or at least, it
would be nice) but this doesn't seem reasonable now. Therefore, it
should be made easy to use the Workshop tools to talk to people not
'hard-wired' to the workshop.

The suggested ability seems to me to be very simple for simple
enough, yet useful enough, to justify the work that would be
necessary. (besides, I can't stand typrewriters, now that I have been
indoctrinated to nls. And licking envelopes is a drag, too).   1

17480 Distribution
    Nps Np, Richard W. Watson, Charles H. Irby,

lConnecting nls to the mail system

(J17480)   26-JUN-73 13:06;   Title: Author(s): David H. Crocker/DHC;
Distribution: /NP; Sub-Collections: NIC NP; Clerk: DHC;

David ... We've set up a directory named SCRL password RETZ size 100.
If that proves to be too small, or if a different password is
desired, or a different directory name, let me know.   Intolerable
that it took so long, but glad you got to me to get it done. ... P.S.
What's your SNDMSG address? ...   Mike Kudlick

17481 Distribution
    David L. Retz,

Invitation to hear a Sales Pitch from Alphanumerics

Tony Sunley of Alphanumerics in Los Angeles called June 18 and
suggested they might want to offer their services as a medium of
output to microfilm and printing (Jjournal,17455,9,).   1

I sent him a copy of the specs Walter gave DDSI (journal,14093,,).   2

He called back today and asked if he might come with a systems
programmer, Bob Sickle, to present their case on Monday (7/2).   3

They will be here about 10:30. I will take about an hour to show them
what we are up to, then we will listen to what they have to say.   4

Please feel free to come.   5

17482 Distribution
    Elizabeth K. Michael, Jeanne B. North, James C. Norton, Elizabeth J.
    (Jake) Feinler, Richard W. Watson, Harvey G. Lehtman, N. Dean Meyer,

Invitation to hear a Sales Pitch from Alphanumerics

INTRODUCTION AND SUMMARY   1

We have conducted a further comparison of TNLS and TECO as text
editors, to add to the previous results obtained by Jacques Vallee
in (16264,). Most of the editing tasks were repeated with times
kept individually rather than en masse in order to see more
specifically where differences exist.   1a

Results obtained indicate that the substitute command in TNLS is
superior to the replace command in TECO especially when used in
sequence, whereas the search command in TECO appears to be
superior to the content analysis feature in TNLS. However, it is
felt that in a typical secretarial task, the substitute command
would be used far more frequently than for example, the content
analyzer.   1b

Based on this assumption, we hope to do a study of command usage
in a secretarial setting in order to know which commands are used
with the most frequency, and should therefore get further
attention.   1c

EXPERIMENTAL CONDITIONS   2

The times reported are simply the times for executing the commands
which were felt to be the most efficient for accomplishing the
required edit. Time required for planning and testing how to do
the edits is not included.   2a

DATA   3

For a description of the individual edits see the Appendix.   3a

Task 1   3b

	TECO	TNLS	RATIO	TYPE OF COMMAND	
					3b1
1)	12.1 in 1:27	6.3 in 2:46	.5	Substitute word	3b2
2)	1.9 in :27	8.1 in 3:39	4.3	Substitute character	
(177 substitutions)					3b3
3)	2.7 in 2:06	6.7 in 1:15	2.5	Content analyzer,	
substitute word					3b4
4)	4.6 in 1:25	11.5 in 4:18	2.5	38 Copy Statements	3b5
5)	5.8 in :50	28.8 in 5:04	5.0	Content analyzer,	
33 delete statements					
(using centerdot)					3b6

Further Comparison of Timings for TNLS and TECO Commands

6)	3.7 in 1:41	5.6 in 1:32	1.5	Move group	3b7
7)	2.6 in 1:41	6.0 in 1:15	2.3	Copy group	3b8
8)	5.6 in 3:42	7.6 in 2:09	1.4	Move group	3b9
9)	2.7 in 1:05	6.8 in 1:53	2.5	Move group	3b10
10)	6.7 in 2:09	35.4 in 14:39	5.3	Content analyzer, 61 break statements	3b11
11)	4.2 in 2:19	8.5 in 4:33	2.0	Content analyzer, Substitute character	3b12

Task 2   3c

1)	3.2 in 1:20	5.0 in 3:14	1.6	18 Insert Character	3c1
2)	.6 in 1:04	.6 in :32	1.0	Move group	3c2
3)	.6 in :58	1.6 in :58	2.7	Substitute Character	3c3
4)	1.0 in :40	11.7 in 1:20	11.7	Content analyzer, 2 delete statements	3c4
5)	1.0 in 1:19	1.1 in :37	1.1	Substitute Text	3c5

Task 3   3d

	55.6 in 4:37	9.5 in 1:51	.2	8 Substitutes	3d1

CONCLUSIONS   4

It appears that the efficiency of a text editor is largely
determined by the number of commands needed to accomplish a task.
For example, TNLS is superior to TECO (in terms of the CPU and
connect time required) when substitutions are required which can
be done in sequence. (See Task 1, #1 and Task 3) However, a
number of edits required the execution of many commands in TNLS
(as many as 60 different commands) where TECO accomplished the
same task using one command string. This difference will
obviously account for some of the large differences in CPU time
required.

4a

Another factor of major importance is the ability to search. The
TECO search command appears to be considerably more efficient
time-wise than the content analyzer.

4b

Further testing is needed to look at smaller editing tasks, but it

appears that if more commands had the feature where several
changes could be noted and then all executed (such as the new
substitute command), TNLS times would be lower for complex editing
tasks.   4c

APPENDIX   5

Task 1 (LEE,TESTFILES,1)   5a

1)change 'END' to 'EXIT' everywhere and change 'crlf( )' to
'xyz( )' everywhere   5a1

2)change ';' to '.' everywhere   5a2

3)change 'qflg' to 'x1' in all statements containing 'IF'   5a3

4)Insert a new line every 20 lines throughout the text.   5a4

5)Delete all lines containing the word 'BEGIN'.   5a5

6)Move the procedure 'qport' to between procedures 'start' and
'q1'   5a6

7)Copy the procedure 'q1' to between procedures 'ququit' and
'bing'   5a7

8)Move all statements in start up one level.   5a8

9)Move all statements in procedure 'bing' down one level.   5a9

10)Break all statements containing the word 'typeas' after the
's' in 'typeas'.   5a10

11)In the procedure START change '.' to ':' in all lines
containing the letter 'f'.   5a11

Task 2 (LEE,TESTFILES,2)   5b

1)Put 2 decimal places (i.e. add a '0' to the right) in all
numbers in the second column (CPU Time) of Table 2.   5b1

2)Move the lines containing '300' in the 'Transpose' column to
the end of the table in Table 3.   5b2

3)Change all zeroes to '1' in the lines that have a '-' in the
fifth column ('Replace' Column) in Table 3 and in Table 4.   5b3

4)Delete all lines in the document containing the string
'"zzz"'   5b4

5)In Table 7 change the middle '0' to a '5' in the 'Set
Viewspecs' column.   5b5

Task 3 (LEE,TESTFILES,3)   5c

Change 'Jupiter' to 'Vulcan' everywhere.   5c1

Change 'in' to 'outside' everywhere.   5c2

Change 'planet' to 'star' everywhere   5c3

Change 'Aquarius' to 'Libra' everywhere.   5c4

Change 'the' to 'a' everywhere.   5c5

Change 'of' to 'with' everywhere.   5c6

Change 'is' to 'has been' everywhere.   5c7

Change 'but' to 'and' everywhere.   5c8

17483 Distribution
   Charles H. Irby, Richard W. Watson, Douglas C. Engelbart, James C.
   Norton, Michael D. Kudlick, Dirk H. Van Nouhuys, Elizabeth K.
   Michael, Donald C. (Smokey) Wallace, Paul Rech,

Further Comparison of Timings for TNLS and TECO Commands

(J17483) 26-JUN-73 15:12;   Title: Author(s): Susan R. Lee/SRL;
Distribution: /CHI RWW DCE JCN MDK DVN EKM DCW PR; Sub-Collections:
SRI-ARC; Clerk: SRL;
Origin: <LEE>COMPARE.NLS;4, 26-JUN-73 15:00 SRL ; ;

Many envelopes, but no mail

Something is sending mail to DAVY at UCLA-NMC very, very, very often.
I am not getting any of the text; just the info that it is coming
from Host 2. Any idea what is happening (the attempts to send to me
have gotten up to every 10 minutes, sometimes.   1

17484 Distribution
   Diane S. Kaye, Harvey G. Lehtman, Charles H. Irby,

1

Many envelopes, but no mail

(J17484)   26-JUN-73 16:57;   Title: Author(s): David H. Crocker/DHC;
Distribution: /BUGS; Sub-Collections: NIC BUGS; Clerk: DHC;

Estimated Costs of NLS Support for a Medium Sized Community of Users.

For your information and comments

Estimated Costs of NLS Support for a Medium Sized Community of Users.

1

Estimated Costs of NLS Support for a Medium Sized Community of Users

2

We have come up with a first estimate of the probable costs of NLS based information services for the contemplated CBI Community.

2a

I request your comments about the first draft assembled by Susan in her directory under <LEE> CBICOST.

2b

If you concur, we shall journalize this file after we have gotten your comments in order to start a broader discussion on that subject. I would welcome your suggestions for further distribution of this item.

2c

17485 Distribution
   Richard W. Watson, James C. Norton, Douglas C. Engelbart, Susan R.
   Lee,

Estimated Costs of NLS Support for a Medium Sized Community of Users.

(J17485) 26-JUN-73 16:59;   Title: Author(s): Paul Rech/PR;
Distribution: /RWW JCN DCE SRL; Sub-Collections: SRI-ARC; Clerk: PR;
Origin: <RECH>CBICOST.NLS;3, 26-JUN-73 16:50 PR ;

In (saac-tip,resourcepage,sdac-tip:nw) and
(saac-tip,resourcepage,sdac-44:nw) you will find a somewhat improved
version of the page in the resource notebook for our tip, and also a
page for our 360/44.   1

    Most of the entries are just duplicated between the two pages, but
I split the network interests entries according to whether they
seemed to be tip-related or not.   1a

    Please do complain, etc., if the material seems to be not-ok to
you; I am aware that its sketchy, though.   1b

17486 Distribution
    Elizabeth J. (Jake) Feinler,

LLL-RISOS Network Resource Notebook entry revisited.

Contained in this statement is a Link to what I would like to
see as our Network Resources Notebook entry.   I just included
things that would be of interest to me.   Please tell me what you
do with it.

    Here it is.   (NBS-TIP,JEDSLLL-RISOS,1:wynA).   1

17487 Distribution
    Jed E. Donnelley, Elizabeth J. (Jake) Feinler,

LLL-RISOS Network Resource Notebook entry revisited.

(J17487)   26-JUN-73 23:33;   Title: Author(s): Jed E. Donnelley/JED; Distribution: /JED JAKE; Sub-Collections: NIC; Clerk: JED;

Comment on NETED

Re: Comments on NETED. I think that the capabilities of the proposed
editor are sufficient to define a simple minded text editor (& the
command names & arguments seem reasonable enough). For this reason, I
tend to agree with Mike that "tinker mode" should be avoided.
Regards. Frank Brignoli   1

17488 Distribution
Leroy (Lee) C. Richardson, Frank G. Brignoli, Elizabeth J. (Jake)
Feinler, Michael D. Kudlick, James E. (Jim) White, Michael A.
Padlipsky, Kenneth L. Bowles, A. Wayne Hathaway, Jean Iseli, David H.
Crocker, Nancy J. Neigus, Stephen M. Wolfe, Ronald M. Stoughton, Jim
O. Calvin,

Comment on NETED

(J17488)   27-JUN-73 07:13;   Title: Author(s): Frank G. Brignoli/FGB;
Distribution: / USING; Sub-Collections: NIC USING; Clerk: FGB;

Some Thoughts on the Forms System

Some More Thoughts on the Forms System

1

Forms are a mechanism for conveying official information between two usually disinterested parties. To avoid any confusion, strict formats are followed and undecipherable instructions are given. Any deviation from the approved format results in the return of the form with a request to do it over again. Nevertheless, forms are in many cases the official documents that (1) initiate new actions, (2) modify or change current efforts, or (3) serve as a means to report data.

1a

Given the importance attached to forms and their widespread use, they are a prime candidate for augmentation. To a user submitting a form, such a system should be quick and easy to use and yet provide helpful instructions on the correct manner for filling out the form. As a by-product to this operation, the data that is entered on the form is also captured by the computer and should be available to the user in the future when he sets out to modify his original work or input a new one that contains similar items.

1b

Before you can ask what will be done with the data once it is in the machine, you must first ask about where is the data when it is in the computer. Ideally, if you had a real sophisticated system, it would be located in one central integrated database that any system function (data mangement, AHI, batch processing, query language, etc.) would access. As soon as the data was entered into the forms system, it would immediately be avaiable for use by any other subsystem.

1c

Obviously, this would not be the case for us. RADC has a database for the ISI branch implemented under the Integrated Data Store (IDS) on the Honeywell-635 (GCOS III). This is a data mangement system that covers personnel and program management for the branch. Since the government relies heavily on forms, much of our database is originally entered by means of a form. After a first cut think session on what one would like from a form system, two things become readily apparent. First, the entering of a form should be a two way communication process between the computer and the man. Whatever the man enters is, of course, saved and the computer guides him in successfully filling out the form. At the same time much of the information that goes onto any form has usually already been entered on a diferent form. Whenever there is duplication like this (and this is quite widespread on some forms), the system should save the man from re-entering data for a second time. Right now this is just a soft fact -- further analysis is needed before we can be sure how prevalent this situation is. My second supposition is closely tied to the first. Once data is entered, not only should it be avaiable for feedback on the system it was entered on but it should also be accessible

Some Thoughts on the Forms System

to any other subsystem. In our case this is part of a larger
question of somehow connecting NLS with a data mangement system on
the H-635.   1d

A Close Look at Forms in the ISI Database   2

An Employee Time Expenditure (RADC Form 2) is a typical example of
how we collect information from forms for inputting data into our
data management system. This form should be filled out daily
(although it seldom is) with the number of hours of employee time
that are charged against specific job-order-number which represent
specific work areas, annual leave, sick leave, training, etc.
Overtime is not usually charged but provisions must be made to
allow for it because other organizations do make use of overtime.
At the end of the month, totals are computed for each
job-order-number and the forms are collected and approved by the
section chief. A number of things should be checked on each Form
2:   2a

    (1) each day should have at least 8 hrs assigned to it and for
    any deviation the employee should be flagged   2a1

    (2) Totals for the month on each job-order-number should be
    computed correctly   2a2

     (3) Adding the totals for every job-order-number used should
    equal the total tine for the month (8 x # of working days plus
    overtime).   2a3

After the Form 2's have been approved, we recieve a copy and
proceed to store the monthly totals for each job-order-number by
individual into our database. The following information must be
pulled off the form and a separate entry must be used for each
job-order-number that time was charged against: Employee
social-security-number, reporting period, job-order-number,
monthly total for that job-order-number, and overtime for that
job-order-number. Links are made in our database between the
employee records and the job-order-number record which is also
called a work-unit record. If an employee applies time against a
job-order-number that is not already stored in the database, it
must be added before the applied-hours can be stored.   2b

Record Design for Applied-hrs   3

```
**************        ****************        *****************        3a
*            *        *              *        *               *        3b
* EMPLOYEE   *------->* APPLIED-HRS  *<-------* JOB-ORDER-NO  *        3c
*            *        *              *        *               *        3d
**************        ****************        *****************        3e
```

Some Thoughts on the Forms System

The Two Way Process   4

   Whenever an employee begins to enter data onto the Form 2, our
   data management system could supply much of the header information
   (name,ssn,occupational series, section symbol, grade and step) if
   the appropriate transfer could be made between our two systems. In
   turn, once the form is completely filled out and accepted, the
   totals for each jon could be sent to the DMS and we would avoid
   keypunching this data over again.   4a

17489 Distribution
   James C. Norton, Richard W. Watson, Elizabeth K. Michael, James H.
   Bair, Duane L. Stone, Edmund J. Kennedy,

Some Thoughts on the Forms System

(J17489) 27-JUN-73 07:48; Title: Author(s): Joel P. Cavano/JPC;
Distribution: /JCN RWW EKM JHB DLS EJK; Sub-Collections: RADC; Clerk:
JPC;
Origin: <CAVANO>FORMS.NLS;1, 26-JUN-73 10:52 JPC ;

Thanks for Featured Site Article on UCSB

Roland Bryan -- Thanks for the fine article on UCSB for the July
issue, and particularly for the fine shape it's in. I turned over a
copy to Jake Feinler for what she could glean for the Resource
Notebook. Thanks also for the speed. -- Jeanne   1

17490 Distribution
   Roland F. Bryan, Jean Iseli, Michael D. Kudlick,

Thanks for Featured Site Article on UCSB

(J17490)   27-JUN-73 08:39;   Title: Author(s): Jeanne B. North/JBN;
Distribution: /RFB JI MDK; Sub-Collections: SRI-ARC; Clerk: JBN;

Journal Distribution Test

This is a test message to see if your journal mail is going to be
delivered now.   1

17491 Distribution
    Gary L. Bockweg, Susan R. Lee,

Journal Distribution Test

(J17491)   25-JUN-73 13:23;   Title: Author(s): Susan R. Lee/SRL;
Distribution: /GLB SRL; Sub-Collections: SRI-ARC; Clerk: SRL;

LLL-RISOS NETWORK RESOURCE NOTEBOOK ENTRY REREVISITED.

Contained in this statement is a Link to what I would like to
see as our Network Resources Notebook entry. I just included
things that would be of interest to me. Please tell me what you
do with it.

     Here it is. (NBS-TIP,JEDSLLL-RISOS,1:wynA).   1

17492 Distribution
   Elizabeth J. (Jake) Feinler,

LLL-RISOS NETWORK RESOURCE NOTEBOOK ENTRY REREVISITED.

(J17492)   27-JUN-73 09:31;   Title: Author(s): Jed E. Donnelley/JED;
Distribution: /JAKE; Sub-Collections: NIC; Clerk: JED;

Reply to your memo of 8-june-73 plus other trivia and cheery words

Dear Susan,   1

Didn't get around to answering your long sndmsg of 8-jun-73. I fixed
the computer table and turned the requests for documents over to
Jeanne North.   2

My question about 'other questionnaires' was based upon a comment by
Kantrowitz of MIT. By now, you have probably seen his classic memo —
needless to say he is a little touchy about questionnaires. I
assured him we were sharing information and would try to keep the
sites in mind when collecting it. Since he kept referring to your
charts as a 'questionnaire from MITRE', I wanted to verify that the
charts were all he had received.   3

How are the charts coming? I would like to have an edited version by
July 15th for inclusion in the next Resource Notebook. Is that
possible, or will that be pushing you? We would like to get the next
Resource Notebook out by Sept., so I will have to 'go to press' no
later than Aug. 1 and even that is pushing it. I asked Mike to
discuss production of these charts with you when he is there to see
if we can collaborate in any way that is advantageous to both of us.
You might mention this to him in case he forgets.   4

I am putting together a 'best effort' hostname list and will make it
available as soon as I get it finished — probably late July.   5

Did you see the USING notes? I added your name to the group called
USERS which is the Network Users Group. If you don't want it there,
let me know.   6

That's it for now. Give my regards to Jean.   7

                        Sincerely,   ...JAKE   8

Reply to your memo of 8-june-73 plus other trivia and cheery words

(J17493) 27-JUN-73 10:00;   Title: Author(s): Elizabeth J. (Jake)
Feinler/JAKE; Distribution: /SSP; Sub-Collections: SRI-ARC; Clerk: JAKE;
Origin: <NETINFO>SUSAN.NLS;2, 27-JUN-73 09:07 JAKE ;

JORNAL MAIL TEST

THIS IS A TEST OF THE JOURNAL MAIL SYSTEM.   1

17494 Distribution
   Dave Simonson,

1

JORNAL MAIL TEST

(J17494)   27-JUN-73 10:04;   Title: Author(s): Dave Simonson/DS;
Distribution: /DS; Sub-Collections: NIC; Clerk: DS;

USING Notes ready?

I only received comments on the USING MEeting Notes from Nancy, so I
have included them and guess that the Notes are in final form. Would
y'all have a look (ucla-nmc,usingnotes,) at let me know if there are
any other changes you think should be made.

Thanks. --dave   1

17495 Distribution
   Nancy J. Neigus, Elizabeth J. (Jake) Feinler, Jean Iseli,

1

USING Notes ready?

(J17495)   27-JUN-73 10:48;   Title: Author(s): David H. Crocker/DHC;
Distribution: /NJN JAKE JI; Sub-Collections: NIC; Clerk: DHC;

Just heard you got married and went on a honeymoon. Congrats .

--Dave

17496 Distribution
    James E. (Jim) White,