Visitlog, 17 Jan, Williams, from Measurex

VISITLOG: Craig Williams, programmer, Measurex Corp., 10475 Imperial
Ave. (Rm. 316), Cupertino (255-1500 X487). 17 Jan 73
Interested in the mouse and the keyset. Had read about them and was
turned on to application in his environment (programming and
editing). Was impressed although the system was down when he got
here. Invited back... Gave him 2 docs: 12445 and 14724.
(Background: MS in analytical chemistry, Purdue 69).   1

Visitlog, 17 Jan, Williams, from Measurex

(J21586)   23-JAN-74 17:44;   Title: Author(s): James H. Bair/JHB;
Distribution: /JCN RWW DCE MDK; Sub-Collections: SRI-ARC; Clerk: JHB;

Addendum to the Utility Transfer announcement for Bell-Canada

Immediate attention

Addendum to the Utility Transfer announcement for Bell-Canada

The Journal item, ANNOUNCEMENT: TRANSFER OF USERS TO THE UTILITY, OFFICE-1, has two items that will not concern you as non-Network users: the double @ sign, and the login to host 43.   We will be giving you a phone number for direct dial sometime today (Thursday).   1

Addendum to the Utility Transfer announcement for Bell-Canada

(J21589)   23-JAN-74 18:11;   Title: Author(s): James H. Bair/JHB;
Distribution: /BELL-CANADA JCN WRF JDH; Sub-Collections: SRI-ARC
BELL-CANADA; Clerk: JHB;

Preliminary version of Service Center Report for USING

A fairly clean version of the Service Center Committee's report is
now in (using,service,) for your perusal. Please direct any comments
you may have to SERDEF in the Journal, or DCROCKER at ISI.

As with the Feedback committee's report, speed is of the proverbial
essence.   Dave.   1

Preliminary version of Service Center Report for USING

(J21592)   23-JAN-74 19:53;   Title: Author(s): David H. Crocker/DHC;
Distribution: /USING; Sub-Collections: NIC USING; Clerk: DHC;

Knowledge Worker Architects group ident (KWAC)

Hi   The Knowledge Worker Architects group ident (KWAC) has been set
up, and this is the first test. It saves typing the idents of
Connie, Inez, Duane, Doug, Jim and myself everytime you want to say
something with regard to the task we are all about, that of building
Augmented Knowledge Workshops. It should help us form a community
which puts six heads together to solve problems we're all interested
in. Please note that Jim Norton is the coordinator and I'm his
helper, particularly with regard to training, and that Doug is the
chairperson (my concept, maybe a little formal though).
    Hoping to hear from a KWAC, Jim Bair...   1

Knowledge Worker Architects group ident (KWAC)

(J21593)   23-JAN-74 20:13;   Title: Author(s): James H. Bair/JHB   ;
Distribution: /KWAC ; Sub-Collections: SRI-ARC   KWAC; Clerk: JHB   ;

Knowledge Worker Architects group ident (KWAC)

Hi   The Knowledge Worker Architects group ident (KWAC) has been set
up, and this is the first test. It saves typing the idents of
Connie, Inez, Duane, Doug, Jim and myself everytime you want to say
something with regard to the task we are all about, that of building
Augmented Knowledge Workshops. It should help us form a community
which puts six heads together to solve problems we're all interested
in. Please note that Jim Norton is the coordinator and I'm his
helper, particularly with regard to training, and that Doug is the
chairperson (my concept, maybe a little formal though).
    Hoping to hear from a KWAC, Jim Bair...   1

Knowledge Worker Architects group ident (KWAC)

(J21593)   23-JAN-74 20:13;   Title: Author(s): James H. Bair/JHB   ;
Distribution: /KWAC ; Sub-Collections: SRI-ARC   KWAC; Clerk: JHB   ;

Journal and the Utility, some feedback.

To KWAC for your information.   Inez, jump on the link for a good description.

Journal and the Utility, some feedback.

Re: (GJOURNAL, 30002, 1:w)
 Duane. sounds like your Journal document is a good writeup of some
of the Journal sending process. Thanks, I think I'll send it to Inez
too. Obviously I received the Journal reference from the Utility,
and on the same day   1

Journal and the Utility, some feedback.

(J21594)   23-JAN-74 20:33;   Title: Author(s): James H. Bair/JHB;
Distribution: /KWAC; Sub-Collections: SRI-ARC KWAC; Clerk: JHB;

Immediately Relevant Suggestions for the Journal System - - - -

I am glad to hear that Jim White's and Diane Kaye's ideas for the
Journal will shortly be implemented.   1

It promtps me to make the following three sets of suggestions: 2

1.   Delivery paths   3

    a) Change Delivery options to be SHORT and FULL, instead
    of Online/Hardcopy/Network, with SHORT being the same
    as what is currently sent Online and Network (i.e.,
    short messages and citations) and FULL being the same as
    Hardcopy currently gets (i.e., the complete document, run
    through the Output Processor, fully formatted and consisting only
    of "clean" (Only <cr>, <lf> and <ff> as format effectors) text).   3a

    b) Allow the user to specify a pathname for each type of
    parameter. A pathname may be Harcopy/Online/Network-pathname. For
    example, I may want to send SHORT to DCROCKER
    at ISI and FULL to Hardcopy, or I may want my FULL
    to instead go to SEX;DOCUMENT;BIN(1200) at UCLA-CCN (it
    would end up at their uper/lower case printer.   3b

        Certain paths or combinations of paths would be
        illegal. For example, FULL to Online, or FULL and
        SHORT to the same place.   3b1

2.   Sender/Receiver constraints   4

    a) Let each Journal mail receiver specify a "permission
    matrix" for SHORT and FULL delivery. That is,
    Requiring-Allowing-Prohibiting each type (Short or Full)
    of delivery. (Default to require Short and allow Full.)   4a

    b) Let a journal mail sender Require-Allow-Prohibit
    each type of delivery. (Default to Require Short and Allow
    Full.)   4b

    c) Have the Journal Delivery mechanism compare the
    sender's and receiver's flags and act accordingly.   4c

3.   Ident-list Specification   5

    The problems with the current ident specifications approach
    are fairly well-known. It would be very helpful to have
    the ident system automatically use the ident of a person
    who was specified by ".Lastname" (or any other way) if that
    is the only match found on the search.   5a

    Add to that several new ways to specify a person

(e.g., ".Crocker, D.") and it becomes as easy as addressing
an envelope.   5b

Part of the current problem is getting too much feedback,
which is too verbose.   5c

I would appreciate getting some response to this note.   Thanks.   6

Dave.
-------   7

                                                                     8

Immediately Relevant Suggestions for the Journal System - - - -

(J21595)   23-JAN-74 20:54;   Title: Author(s): David H. Crocker/DHC ;
Distribution: /NPS RWW DVN JEW DSK ; Sub-Collections: NIC; Clerk:
DHC;

I didn't see your MST Characteristics document - perhaps it got lost
in the hardware problems last week -- ?   1

(J21597)   24-JAN-74 07:27;   Title: Author(s): Don I. Andrews/DIA;
Distribution: /RWW; Sub-Collections: SRI-ARC; Clerk: DIA;

THANKS

Marcia,
Thanks for making the changes so promptly.
Regards,
Alex

1

THANKS

(J21598)   24-JAN-74 08:08;   Title: Author(s): Alex A. McKenzie/AAM;
Distribution: /MLK; Sub-Collections: NIC; Clerk: AAM;

Service ideas

Committee persons,
        What do you think of the idea of adding a section to the
service definition paper which defines a rating system for server
using the parameters defined in the paper. Instead of being cut and
dried about the level of service a host should/will/must provide, how
about assigning them with classes. A,B,C,D...etc. It would allow
the user to know what he or she can expect from the host at a glance.
In section 3 of the service document, I think we need to specify an
acceptible period of time for the report of service availability and
maintenance. A week would be a good minimum. Cheers
                                        Alan
P.S. If you find the rating acceptable, and a host meets all of our
requirements we could issue gold stars.   1

Service ideas

(J21599) 24-JAN-74 08:17;   Title: Author(s): Alan R. Hill/ARH;
Distribution: /SERDEF; Sub-Collections: NIC SERDEF; Clerk: ARH;
Origin: <SDAC-TIP>SERVICE.NLS;1, 24-JAN-74 08:14 ARH ;

Re--GJOURNAL,21509,1a4)

Journal item JMB 16-JAN-74 10:29 21429 appears to have been
delivered. Thank you.   Jeanne   1

Re--GJOURNAL,21509,1a4)

(J21600)   24-JAN-74 10:50;   Title: Author(s): Jeanne M. Beck/JMB;
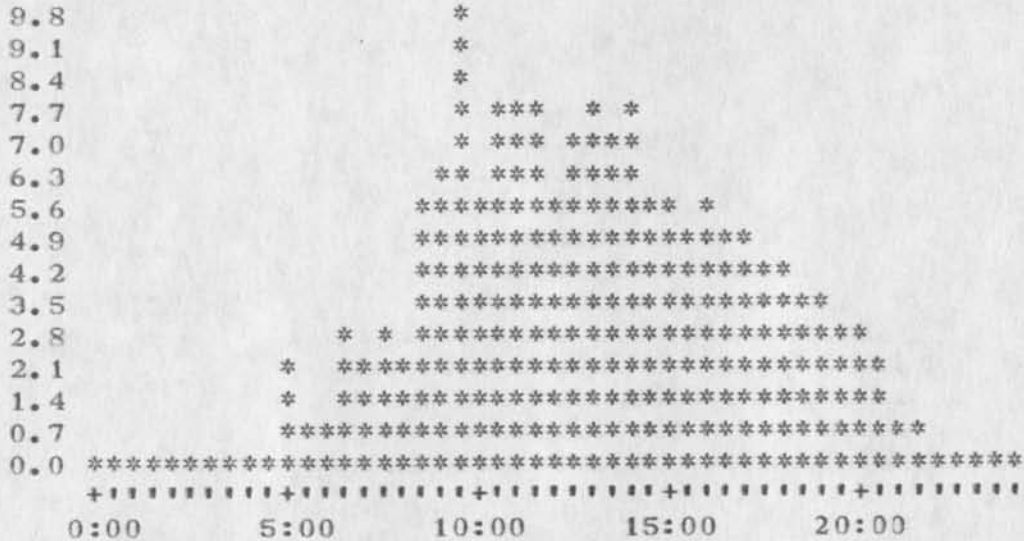Distribution: /JDH; Sub-Collections: SRI-ARC; Clerk: JMB;

Superwatch Average Graphs for Week of 1/13/74

Due to a system crash last week this average covers Jan. 14-16 and
after 18:00 on the 18th. For this period the load, the number of
users, and the percent used in DNLS is considerably higher than
usual.

Superwatch Average Graphs for Week of 1/13/74

TIME PLOT OF AVERAGE NUMBER OF GO JOBS FOR WEEK OF 1/13/74
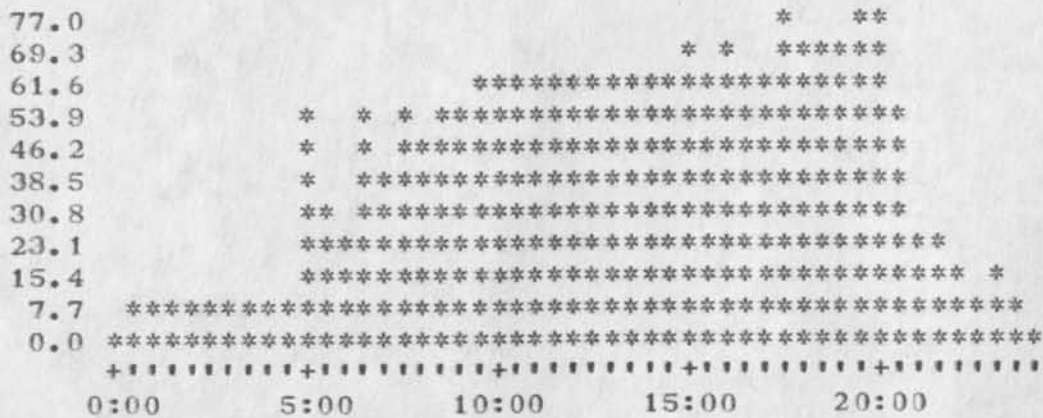x axis labeled in units of hr:min, xunit = 30 minutes   1

```
    9.8                         *
    9.1                         *
    8.4                         *
    7.7                         * ***   * *
    7.0                         * *** ****
    6.3                         ** *** ****
    5.6                      ************** *
    4.9                      ******************
    4.2                      ********************
    3.5                      ***********************
    2.8              *  *  ****************************
    2.1          *      ********************************
    1.4          *      ******************************
    0.7          ****************************************
    0.0  ******************************************************
         +'''''''''+'''''''''+'''''''''+'''''''''+'''''''''
         0:00      5:00      10:00     15:00     20:00                        1a
```

TIME PLOT OF AVERAGE PER CENT OF CPU TIME CHARGED TO USER ACCOUNTS
FOR WEEK OF 1/13/74
x axis labeled in units of hr:min, xunit = 30 minutes   2

```
   77.0                             *    **
   69.3                          * *  ******
   61.6                      ************************
   53.9          *  *  * *************************
   46.2          *   *  ***************************
   38.5          *    *****************************
   30.8          **  ******************************
   23.1          *********************************
   15.4          ********************************* *
    7.7   **************************************************
    0.0   *****************************************************
          +'''''''''+'''''''''+'''''''''+'''''''''+'''''''''
          0:00      5:00      10:00     15:00     20:00                       2a
```
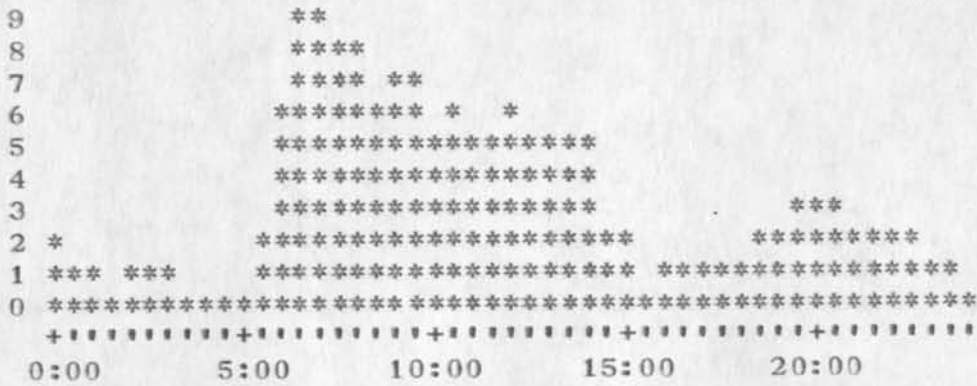
Superwatch Average Graphs for Week of 1/13/74

TIME PLOT OF AVERAGE NUMBER OF NETWORK USERS FOR WEEK OF 1/13/74
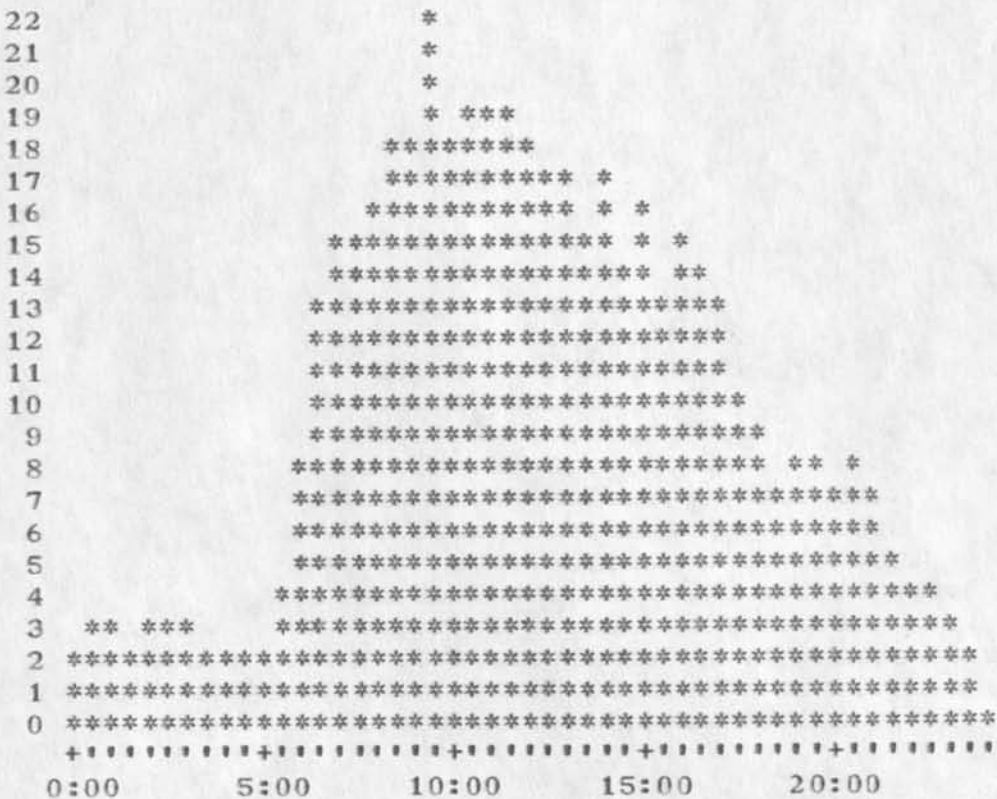x axis labeled in units of hr:min,   xunit = 30 minutes   3

```
 9                      **
 8                      ****
 7                      **** **
 6                    ******** *   *
 5                    ****************
 4                    *****************
 3                    ****************        .       ***
 2 *                  *********************       **********
 1 *** ***            ********************** *****************
 0 ***********************************************************
   +!!!!!!!!!+!!!!!!!!!+!!!!!!!!!+!!!!!!!!!+!!!!!!!!
   0:00      5:00      10:00     15:00     20:00                      3a
```

TIME PLOT OF AVERAGE NUMBER OF USERS FOR WEEK OF 1/13/74
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
```
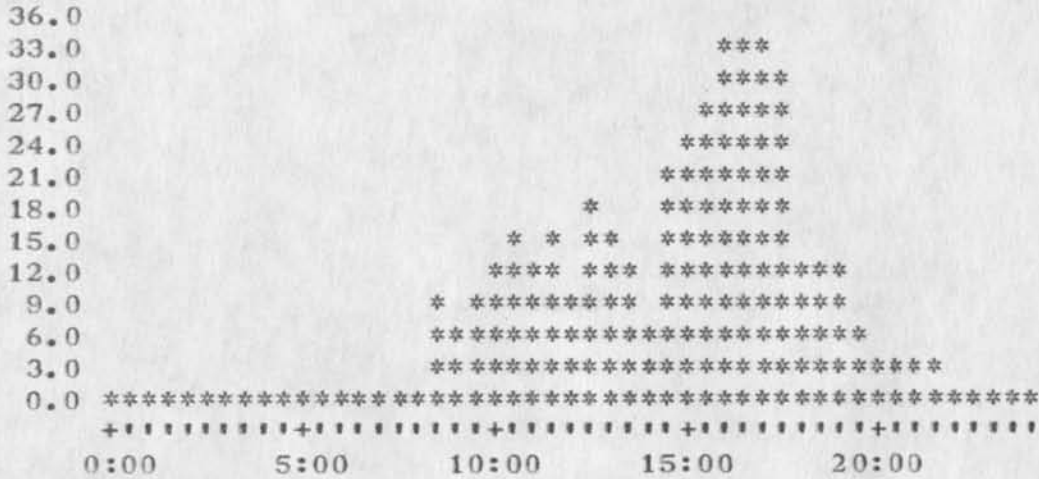
Superwatch Average Graphs for Week of 1/13/74

TIME PLOT OF AVERAGE PER CENT OF SYSTEM USED IN DNLS FOR WEEK OF
1/13/74
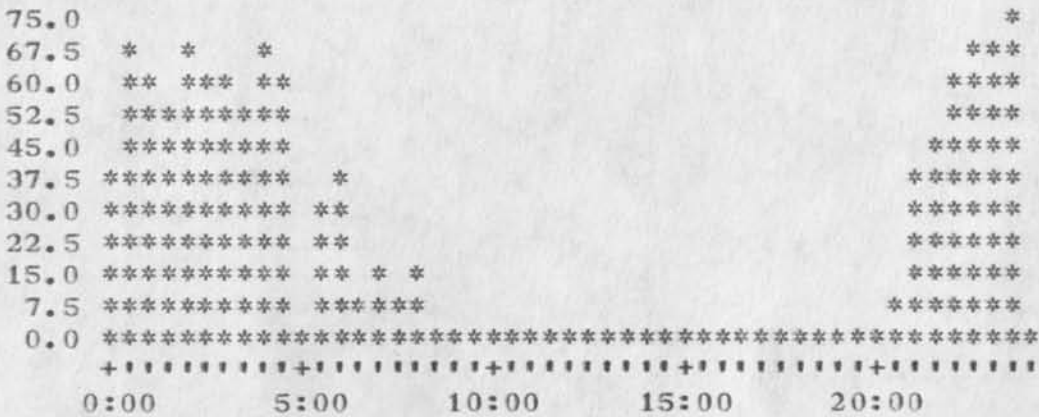x axis labeled in units of hr:min,   xunit = 30 minutes   5

```
36.0
33.0                                              ***
30.0                                              ****
27.0                                              *****
24.0                                              ******
21.0                                             *******
18.0                               *             *******
15.0                         *   *   **          *******
12.0                           ****  ***  **********
 9.0                       *  *********  **********
 6.0                       ************************
 3.0                       ** ********************* *********
 0.0  ************************************************************
      +''''''''''+''''''''''+''''''''''+''''''''''+''''''''''
      0:00      5:00      10:00     15:00     20:00                       5a
```

TIME PLOT OF AVERAGE IDLE TIME FOR WEEK OF 1/13/74
x axis labeled in units of hr:min,   xunit = 30 minutes   6

```
75.0                                                      *
67.5  *    *    *                                       ***
60.0  **  *** **                                        ****
52.5  *********                                         ****
45.0  *********                                        *****
37.5  **********   *                                  ******
30.0  ********** **                                   ******
22.5  ********** **                                   ******
15.0  ********** ** * *                               ******
 7.5  ********** ******                              *******
 0.0  ************************************************************
      +''''''''''+''''''''''+''''''''''+''''''''''+''''''''''
      0:00      5:00      10:00     15:00     20:00                       6a
```

Superwatch Average Graphs for Week of 1/13/74

(J21601) 24-JAN-74 12:43;   Title: Author(s): Susan R. Lee/SRL;
Distribution: /JCN RWW DCE PR JCP DVN JAKE DLS BAH; Sub-Collections:
SRI-ARC; Clerk: SRL;
Origin: <LEE>WEEK1/13GRAPHS.NLS;2, 24-JAN-74 12:34 SRL ;

Thank you you for the ARPA/IPT paper which came through in fine shape today.
Jeanne North   1

(J21602)   24-JAN-74 14:22;   Title: Author(s): Marcia Lynn Keeney/MLK;
Distribution: /AN MOM; Sub-Collections: SRI-ARC; Clerk: MLK;

xnls folklore

the following commands are now implemented in xnls:
     Insert Date
     Insert TIme and date
     SHow DISk space status
Also, the message indicating that an update is unnecessary is back   1

xnls folklore

(J21603)   24-JAN-74 15:07;   Title: Author(s): Kenneth E. (Ken)
Victor/KEV; Distribution: /NPG DIRT; Sub-Collections: SRI-ARC NPG DIRT;
Clerk: KEV;

Another DSS Idea: Draft Routing

This is an idea for a system we might integrate into the Journal
Redesign. It may also be needed for the Forms System.

Another DSS Idea: Draft Routing

John F. Heafner has suggested an interesting document or form routing
scheme which looks like something we may want to incorporate into our
DSS system when we are ready. He calls it "Mailbox Message Service:
Draft Message Preparation" in his description, NIC 19198.
Essentially it can be seen as a game, the object of which is to get
the rough draft, proposal, or incomplete form (called the "draft")
read and signed off by a number of people before being distributed in
its final state through the normal channels.   1

   Object: 1a

      Route the draft until properly signed off and then distribute
      the final document.   1a1

   Players: 1b

      Original author, in charge of the operation ("coordinator").   1b1

      The people who must okay the item ("collaborators").   1b2

      The recipients of the finished product ("distribution list").   1b3

      The system, whose purpose it is to keep the status straight and
      automatically further the state when all the votes (approvals,
      etc.) are in.   1b4

   Game: 1c

      The coordinator submits the item (perhaps "unrecorded" at
      first) using a special command to specify the collaborator list
      and the fact that this is a route-before-distribution
      submittal.   1c1

      The system delivers the item to each coordinator, sequentially
      or all at the same time (a parameter). The coordinators
      receive it in a special branch, or are notified in some other
      way that this is an urgent thing for them to handle. They
      presumably read the item and make a decision. They execute a
      system command which notes their decision. This response may
      take one of three forms: 1c2

         1. unconditional approval - anything that happens is okay.
         Even if the item should get changed, it is approved.   1c2a

         2. conditional approval - okay if it stays exactly as is
         and is not modified during the rest of the routing process. 1c2b

         3. not approved - a comment, saying why it can't be
         approved as is; perhaps a suggestion or modification.   1c2c

Another DSS Idea: Draft Routing

One of the things participants can do while waiting is get the
system to show the status of the "project". It should be able
to show for each collaborator: whether the item was ever
delivered, whether he read it, and what type of response he
gave (if any).   1c3

When comments (non-approvals) are made, the system will not be
able to further the state of the game without assistance. The
coordinator will either have to override the dissenting
collaborator(s) via a command or will have to change the item
and reroute it. The system could inform the coordinator when
all the votes are in and it is either proceeding on to delivery
or prevented from proceeding.   1c4

Implementation Ideas   2

The system could be driven by a system file of special low-level
commands (similar to the Journal Delivery's "hcdistfile", but more
readable) which specify functions which ultimately feed into the
"hcdistfile" (delivery to collaborators and recipients). In
addition, the file would contain a status showing the current
state with respect to each of the commands. Then, a show status
command would have little work to do and the person wanting the
status could get it in detail.   2a

From a practical standpoint, there should be some time limits set
on how long a collaborator has to reply and how long the entire
game may run. Also, a default assumption must be made if no reply
is made by a collaborator who did receive notice of the item.   2b

The dissenting collaborator response (#3 above) is actually a
"comment on" command. ARC has plans to implement a DSS
comments/backlinks system, and this should utilize it.   2c

Another DSS Idea: Draft Routing

Test message

    Here is a test message to see if Bob Sherwood can actually
get hardcopy mail through the NIC journal system.   1

Test message

(J21605)   24-JAN-74 15:52;   Title: Author(s): James E. (JED)
Donnelley/JED; Distribution: /RSH CRL2 JED; Sub-Collections: NIC; Clerk:
JED;

Time and <control-t>

Having the time given with <control-t> is one of the most logical
little features I've seen added except for taking away the connect
time. I't makes analysis more difficult and seems unnecessary.
<control-t> when one is not running a subsystem need not give the
date and time. There is a seperate command for that. So why not
reinstate the connect time and place the Date and time like so?.

PROCESSING SUSPENDED AT 164674 24-JAN-74 17:04
LOAD 4.40, USED 0:02:57.8 IN 0:20:09

It all fits nicely in the DNLS tty window, it's easier to read, it
contains all of the information associated with time, and it looks
better.   1

Time and <control-t>

(J21606) 24-JAN-74 17:28; Title: Author(s): Kirk E. Kelley/KIRK;
Distribution: /NEWNLS KEV CHI DCW WRF SRL PR DVN JCN RWW;
Sub-Collections: SRI-ARC NEWNLS; Clerk: KIRK;

It Was Great, We Want More, Don't Do Anything

We have got your file <meyer> energy. It's good. Ran query against it and it went fine except we could use a little more instruction in statemtn 1, as I'm sure you intend.   1

We have updated it to become <energy>dasdata.   In <dsadata> wwe have created a new branch, named, innapropraitely, (,jan10) which shows two new catagories we will need, wholsesale total and retail total   2

   We need those totals for th data you sent us,morespecifically total JP 4 OEP region 9, retail, and and wholese because we are not using data from all the bases so we need the totals for the whole region.   2a

Your file has already served a reall communcation pupose: we gave the file to Schmidt who was glad to see it.   That's a new step in helping these guys with NLS.   3

Schmidt and Whitbey are off thinking about format. I think we should hold any further work on the file until they make up their mind what bells and whistles they want, except for your providing the new data.   4

Thanks again, I, Dirk, will talk to you in the morning.   5

It Was Great, We Want More, Don't Do Anything

(J21607) 24-JAN-74 17:40; Title: Author(s): Dirk H. Van Nouhuys,
Pamela G. Kruzic/DVN PGK; Distribution: /NDM JCN(fyi); Sub-Collections:
SRI-ARC; Clerk: DVN;
Origin: <ENERGY>FOORDEAN.NLS;1, 24-JAN-74 17:21 DVN ;

Some Background on ARC Terminal Considerations

John, Craig if you have some time you should read Journal item
(14851,) as useful background on how ARC got to its terminal
workstaion configuration mouse keyset etc and various considerations
there to. (14851,) is a paper of Engelbarts published in the last
NCC proceedings. I point you to it because in your MST dream list
you spec ed horizontal terminals. This is the one item I would
probably argue aboout and ask for measurements to show its equal or
better than vertical ones. IF you print it on your terminal its
about 10 pages or so. Its a good paper as background for the FEb
11-12 meeting in any case. Let me know what you think Dick   1

Some Background on ARC Terminal Considerations

(J21608)   24-JAN-74 17:49;   Title: Author(s): Richard W. Watson/RWW;
Distribution: /JSP CF; Sub-Collections: SRI-ARC; Clerk: RWW;

Jean -- Artiicle ahs been modified (it is in (using,article,1). I am
about to send Craig a copy (he can only get sndmsg'd stuff). Dave.   1

(J21609)   24-JAN-74 18:32;   Title: Author(s): David H. Crocker/DHC;
Distribution: /JI; Sub-Collections: NIC; Clerk: DHC;

Annotated Bibliography   1

Winkler, Stanley, (ed.) Computer Communications: Impacts and
Implications, The First International Conference on Computer
Communications (Proceedings), Association for Computing Machinery
and IEEE Computer Society , Washington, D.C., Oct. 24-26, 1972.   1a

Committee on Telecommunications, National Academy of Engineering,
Communications Technology for Urban Improvement, Report to the
Department of Housing and Urban Development, Washington, D.C. June
1971.   1b

Baran, Paul and Andrew J. Lipinski, The Future of the Telephone
Industry 1970-1985, Institute for the Future, Report R-20. Menlo
Park, Calif, September 1971.   1c

Baer, Walter s. Baer, Interactive Television: Prospects for
Two-Way Services on Cable, RAND Corp., Report R-888, Santa Monica,
Calif., November 1971.   1d

Goldmark, Peter C. , Communication and the Community, Scientific
American, vol. 227, no. 3, New York, N.Y. September 1972.   1e

Annenberg School of Communications and the Communications Workers
of America, International Symposium on Communication: Technology,
Impact and Policy, Philadelphia, Penn. March 23-25, 1972.   1f

Sackman, Harold and Harold Borke, Computers and the Problems of
Society,; AFIPS Press, Montvale, N.J. , 1972.   1g

Sackman, Harold and Norman Nie, The Information Utility and Social
Choice, AFIPS Press, Montvale , N.J., 1971.   1h

Sackman, Harold and Barry Boehm, Planning Community Information
Utilities, AFIPS Press, Montvale N.J., 1972.   1i

Canadian Department of Communications/Department of Justice,
Privacy and Computers, Information Canada, Ottawa, Canada, 1972   1j

Niblett,G.B.F., Digital Information and the Privacy Problem, OECD
Inofrmatics Studies, Organisation for Economic Co-operation and
Development, Paris, 1971.   1k

O'Neil, Hugh V. , A Technology Assessment Methodology: Computer
-Communications Networks, (VOL 3), MITRE Corp. Washington D.C.,
June 1971.   1l

Jones, Martin V., A Technology Assessment Methodology: Some Basic
Propositions, (VOL 1), MITRE Corp., Washington D.C., June 1971.   1m

Bibliography

Dickson, Edward M. in association with Raymond Bowers, The Video Telephone, a New Era in Telecommunications: a Preliminary Technology Assessment, Cornell University, June 1973.   1n

Goldhamer, Herbert, assisted by Ronald Westrum, The Social Effects of Communications Technology, RAND Corp., Report-486, Santa Monica Calif., May 1970.   1o

Knox, William T. , et al, Problems of Communications in Large Cities, Smithsonian Institution, Washington, D.C., April 20, 1971.   1p

Jones, Martin v., How Interactive Television Will Affect the Way We Live: An Initial Assessment, MITRE Corp., Washington D.C., Feb. 1973.   1q

Japan Computer Usage Development Institute, The Plan for Information Society: A National Goal Toward Year 2000, Tokyo, Japan, May 1972.   1r

Thompson, Gordon B., "Moloch or Aquarius", The, IV, Bell-Northern Research, Ottawa, Canada, Feb. 1972.   1s

Feldman, Philip, A Technology Assessment of Computer-Assisted-Instruction Use in Colleges, Business Plannning Group, Bell Canada, Montreal, Canada, July 1973..   1t

Sloan Commission on Cable Communications, On the Cable: The Television of Abundance, McGraw Hill, New York N.Y., 1971.   1u

Bowers, Raymond, and Jeffrey Frey, "Technology Assessment and Microwave Diodes", Scientific American, (VOL NO.), New York, N.Y., Feb. 1972.   1v

Reid ,Alex, New Directions in Telecommunications Research, Report to the Sloan Commission on Cable Communications, Communications Studies Group, Joint Unit for Planning Research(University College London and London School of Economics) , London , June 1971.   1w

Bedford, Michael T. The Future of Communcations Serivces in the Home, Business Planning Group, Bell Montreal , Canada, Nov. 1972.   1x

Hahn, Walter A., "The Future of Technology Assessment in Policy Formulation " in Marvin J. Cetron and Bodo Bartocha, Technology Assessment in a Dynamic Environment, Gordon and Breach, New York, N.Y., 1973.   1y

Maddox, Brenda, Beyond Babel:New Directons in Communicatons Research, Simon and Schuster, New York, N.Y. ,1972.   1z

Dordick,H.S., L.G.Chesler, S.I.Firstman and R. Bretz, Telecommunications in Urban Development, RAND Corp., RM-6069, Santa Monica, Calif., July 1969.   1a@

Cetron, Marvin J. et al, An Analysis and Report on the Technology Assessment of Urban Telecommunications Research, Forecasting International, Report to HUD, Washington D.C., Aug. 1973.   1aa

Kiefer, David M., "Technological Forecasting in Technology Assessment ", in Marvin J. Cetron and Bodo Bartocha, Technology Assessment in a Dynamic Environment, Gordon and Breach, New York, N.Y., 1973.   1ab

Ad Hoc Group on Scientific and Technical Information, Information for a Changing Society: Some Policy Considerations, Organisation for Economic Co-operation and Development, PaRris, 1971.   1ac

Kimbel, Dieter, Computers and Telecommunications: Economic, Technical, and Organisational Issues, OECD Informatics Studies,Organisation for Economic Co:operation and Development, Paris, 1973.   1ad

The Conference Board, Information Technology: Some Critical Implications for Decision Makers,New York, N.Y., 1972.   1ae

Westin, Alan F. and Michael A. Baker, Databanks in a Free Society: Computers, Record-Keeping and Privacy, Report for the Computer Science and Engineering Board, National Academy of Sciences, Quadrangle, New York, N.Y., 1972.   1af

Travis, Irene (ed.), The Computer Impact, (Program on Technology and Society- Harvard University),Prentice-Hall, Engelwood Cliffs, N.J., 1970.   1ag

Miller, Arthur R. ,The Assault on Privacy: Computers, Data Banks, and Dossiers, Signet Books, Scarborough, Ontario, March 1972.   1ah

Canadian Computer/Communications Task Force, Branching Out, Vols. 1 and 2, Information Canada, Ottawa, Canada, May 1972.   1ai

Canadian Department of Communications, Instant World: A Report on Telecommunications in Canada, Information Canada, Ottawa Canada, 1971.   1aj

Committee on Scientific and Technical Information, Federal Council of science and Technology, Legal Aspects of Computerized Information Systems, Washington D.C., Sept. 1972.   1ak

Feldman, Philip, Cross Impact Matrix Applications in Technology

Bibliography

and Policy Assessment, Business Planning Group, Bell Canada, Montreal , Quebec, Sept. 1973.   1al

Jones, Martin V., "The Methodology", Technology Assessment, Vol. 1, No. 2, New York, N.Y., 1973.   1am

Bedford, Michael T., A Technology Assessment of Future Home Communications Services: A Study Proposal, Business Planning Group, Bell Canada, Montreal, Quebec, May 1973.   1an

Bibliography

(J21610) 25-JAN-74 07:57; Title: Author(s): Lawrence H. Day/LHD;
Distribution: /IMM LHD; Sub-Collections: NIC; Clerk: LHD;

Comments on KIRK's WAC

Kirk--
I have read your draft on the Whole Arpanet Catalog more carefully.
I feel it is nicely designed, but on the whole too specific for the
purpose of this committee. It seems that the HELP-DOCUMENTATION
committee would find your ideas more useful.   1

   Your point of view is quite microscopic. The committee (INFORMAN)
   needs to come up with recommendations for information management
   (what is available, where, created and maintained by whom) for the
   entire network. Your WAC would be just one information source
   among many. To be more specific, let me just list a number of
   thoughts I had, in no relevant order: 1a

   1. It was my impresson that Craig's comments about a WAC
   implied a refernce book of refernce books--i.e. it would
   include a sort of Resource notebook, outlines to accessing
   databases at service sites, where online consulting could be
   obtained, who might be contracted to visit a site and give
   demonstrations, etc. Your WAC includes this, but tries to do
   so much more--i.e. it wants to includes all the other databases
   and allow links to bring the user to increasingly more complex
   and detailed level of knowledge. I think this is impractical.   1a1

   You make no mention of where this WAC would be located. I
   think I detect an implication that it would be at the NIC or
   some other centrally-located information site. I agree that a
   site that calls itself a Network Information Center should have
   one of these available. But that already limits its use. A
   user with a question buried deep in a process on another
   computer is not going to log out his job to use a WAC. Then
   there is the reliability question: every time the NIC was
   unavailable the WAC would be unavailable. Duplicating the WAC
   on more than one site would be an exorbitant and unworthwhile
   expense.   1a2

   3. Continuing the reliability question, if the WAC was
   unavailable online, why shouldn't there be hardcopy WACs for
   the user to drag around with him. Maybe a lightweight WAC,
   about the size and stock of the Whole Earth Catalog is what we
   really want anyway.   1a3

   4. A WAC would have to be maintained (and created) by this
   information service site. Doing it all alone is unreasonable
   and will no doubt produce inaccuracies. So how should the help
   and cooperation of other people and sites be best employed?
   This is the kind of question the committee should be
   considering.   1a4

   My point is that the WAC is but one element of a much larger

Comments on KIRK's WAC

scheme.   This group is trying to define that scheme; once that is
done the details of a WAC will be very useful.   I would like you
to continue to think about the WAC for this committee, but from a
macroscopic point of view.   Where does it fit in with other
information mechanisms? Which ones does it make obsolete; which
are still essential? Who organizes such a thing; where would it
be available?   Should there be more than one variety of WAC?
Should it be used for advertising only?   1b

This note is being sent to the entire INFORMAN committee.   If any
other members have a different opinion, I would like very much to
hear it, as would Kirk.   This is not a one or two person job.
Salut,
Nancy   2

Comments on KIRK's WAC

(J21612) 25-JAN-74 08:48;   Title: Author(s): Nancy J. Neigus/NJN;
Distribution: /INFORMAN; Sub-Collections: NIC INFORMAN; Clerk: NJN;

For Draft Routing,With Approval Conditional Upon Some Change.

Responds to (journal,21604,)

For Draft Routing,With Approval Conditional Upon Some Change.

I like the idea of Draft Routing. It would be useful in many ways for
document production in general. I would like to suggest another
respose to add to the list that is plex
(journal,21604,1c2a):Conditional approval. That is a coloaborator
whoul be able to add a comment that she approves if such-and-such is
done.   1

For Draft Routing,With Approval Conditional Upon Some Change.

(J21613)   25-JAN-74 09:05;   Title: Author(s): Dirk H. Van
Nouhuys/DVN; Distribution: /DPCS EKM DSK JFH; Sub-Collections: SRI-ARC
DPCS; Clerk: DVN;

Response to Alan's note

Peoples: I like Alan's idea of a rating system, but don't believe we
have enough time, right now, to work it out smoothly. However, I
think we should mention the idea, and give it as much slesh as
possible.

Alan -- hoow about adding that to the service document?

I will add Alan's time-limit suggestion.   Dave.   1

Response to Alan's note

(J21614)   25-JAN-74 11:54;   Title: Author(s): David H. Crocker/DHC;
Distribution: /SERDEF; Sub-Collections: NIC SERDEF; Clerk: DHC;

MAP   25-JAN-74 12:03   21615

From: Padlipsky.CompNet at MIT-Multics
Date: 01/25/74 1501-edt   1

isi down. neted squib at case.
cheers, map   2

MAP   25-JAN-74 12:03   21615

(J21615) 25-JAN-74 12:03;   Title: Author(s): Michael A. Padlipsky/MAP
; Distribution: /JI ; Sub-Collections: NIC; Clerk: MAP;

MAP   25-JAN-74 12:07   21616

From: Padlipsky.CompNet at MIT-Multics
Date: 01/25/74 1507-edt   1

it keeps telling me file not found on every permutation
i can think of on "(using, service,)". what's the right
name? is it an nls file or asciii?
cheers, map   2

MAP   25-JAN-74 12:07   21616

(J21616) 25-JAN-74 12:07;   Title: Author(s): Michael A. Padlipsky/MAP
; Distribution: /DHC ; Sub-Collections: NIC; Clerk: MAP;

Comments on Preliminary version and Alans note

Committee members: 1

   The following are a few comments on the preliminary version of the
report and Alan's latest note.   2

   I still feel that statement 7a1e is still a little too strong.
Although such a requirement is definitely desireable, I dont feel
we can legislate such a policy, especially while nost large
servers are getting only a small portion of their revenues from
the network.   2a

   To get a little grimy for a mininute, start the statement at 7d2a
with the word "Frequent". Even though it should be clear from the
heading of the section, it should not be left to chance. (At my
first reading, it threw me for a bit.)   2b

   With respect to a servers resposiblities toward damaged files,
not only should a server not charge for the storage space but
should also rebate to the user the money required to get the file
from the state of the backed up version to the state before the
damage was done to the file. This especially true where file
system crashes are concerned. (If this seems harsh toward the
server, I would like to note that UCSD has done this for us.)   2c

   Once a day for backing up disk files is usually all the load a
system can bear and still perform a service to its users.
However, it should be recognized that this is an absolute minimum.
Twice a day is somewhat better like early evening after the peak
period of the day and very late at night or early morning before
the next peak begins.   2d

   We might elaborate in statement 7g3a2 just what we think a history
file is. Admittedly we all know, but somehow in the context of
that paragragh it seems vague to me.   2e

   Another Optional Service that might be mentioned is cooperation of
the server with a user for scheduled demonstrations. There is
nothing more frustrating or embarrassing to have a demo scheduled
for a prospective user-funding source and find that your server is
suddenly unavailable or wasnt planning on loading your data base
and disk is short, etc.   2f

   I basically like Alan's suggestion of a rating system. I think
that the ratings should be given in the context of particular
brands of service. For example, Illiac might get a B+ for number
crunching and E for interactive service, and a Tenex might get a
B+ for interactive and a D for batch, etc. I think one overall
grade for a system would be unfair and misleading. (Side comment
to Dave: Alsberg's paper might be a good start in this direction,

1

Comments on Preliminary version and Alans note

    especially after the class this semester. What do you think?)
Also it might be best to only mention this type of rating as a
project for the future. I dont think we have the time now to try
to come up with any sort of data or guidelines.   2g

Okay thats it. Tear it apart. I would like to hear comments.   3

John   4

Comments on Preliminary version and Alans note

(J21617) 25-JAN-74 12:59;   Title: Author(s): John D. Day/DAY;
Distribution: /SERDEF; Sub-Collections: NIC SERDEF; Clerk: DAY;
Origin: <ILLINOIS>NOTETOSERDEF.NLS;2, 25-JAN-74 12:57 DAY ;

Request to lease two GE terminet teleprinters

EXPLANATION OF REQUEST TO LEASE TWO G.E. TERMINET TELEPRINTERS: 1

These teleprinters are needed to provide "medium quality" hardcopy output. It is anticipated that one will be installed at SRI-MENLO and the other at SRI-WASHINGTON.   1a

Several impact teleprinters and suppliers were evaluated. The results showed that: of those teleprinters that met our minimum acceptable print quality, the G.E TermiNet 300 was the least expensive; and of those suppliers that could provide a six month lease and could deliver and maintain their teleprinters at both locations, Western Union Service Co. had the least expensive rate that included maintenance.   1b

TELEPRINTERS EVALUATIONS: 2

Teleprinters:	Results:	
/	/	
/	/	
-----------------	---------------	-----------------------

2a

Memorex 1240:	most expensive,	best quality
TermiNet 1200:	expensive,	acceptable quality
Singer 30C:	expensive,	quality not acceptable
TermiNet 300:	least expensive,	acceptable quality
Teletype 37:	not available,	acceptable quality
Teletype 38:	not available,	acceptable quality

2a1

Request to lease two GE terminet teleprinters

(J21618) 25-JAN-74 17:23;   Title: Author(s): Martin E. Hardy/MEH;
Distribution: /SRI-ARC; Sub-Collections: SRI-ARC; Clerk: JML;
Origin: <HARDY>TERMIN.NLS;6, 25-JAN-74 13:32 MEH ;

Response to John Day's comments

Comments, by John's points: Network access -- I reworded things a bit to indicate we PREFER Net-only access. No statment about enforcing it.

Reworded (really just switched parts of the sentence around) billing changes statemnt.

Agree on Jouhn's rebaate point. I added a sentence say8ing it.

Don't know that we need to add statment on backup frequency. Whatcha tink.

Added statement on possible contents of history file.

Added Demonstration service section in Optinal services.

How would somebody like to work up a paragraph on Rating Services? John's paragraph looks like a good start (if you take out references to specific sites).

Let me know if the mods I made are ok.   Dave.   1

Response to John Day's comments

(J21619)   25-JAN-74 13:46;   Title: Author(s): David H. Crocker/DHC;
Distribution: /SERDEF; Sub-Collections: NIC SERDEF; Clerk: DHC;

Thanks, Connie, for your messages. We benefitted, too

Connie: I appreciated hearing from you, via your two short notes
(21417,) and (21448,). Hope your new confidence with NLS stays and
grows. Wonder if you've seen Dean Meyer yet? It should be
profitable for both of you to get together once in a while.   1

All KWAs: I must repeat, and it is still real to me even after ten
days, that it truly was an historical event to have the first KWAC
meeting. And we'd like to keep hearing from you all.   2

Today we have a visit from Col. David Russell, of ARPA's Nuclear
Monitoring Research Office. One of their projects is the development
of a worldwide Seismological Data Management System, involving quite
a few scattered contractors developing a highly distributed system.
Dave brought people here from two of those contractor site; they are
ernestly discussing with us the startup of Workshop Support for the
system developers. They seem quite serious. Hope there'll be an
architect emerging from their world soon to joing our club.   3

Best regards to you all, Doug   4

                                                                            5

Thanks, Connie, for your messages. We benefitted, too

(J21620) 25-JAN-74 14:35;   Title: Author(s): Douglas C. Engelbart/DCE
; Distribution: /kwac NDM ; Sub-Collections: SRI-ARC KWAC; Clerk: DCE
;

The Reirement Plan Wants You

The paper work mill reminds me to remind the following that they have
until the 31st to specify their retirement option. You never know
the world may be here 30 years from now, whether the American economy
will be is more iffy but anyway I've done my duty and warned you the
date is coming.   1

The Reirement Plan Wants You

(J21621)   25-JAN-74 14:37;   Title: Author(s): Richard W. Watson/RWW;
Distribution: /DIA WRF JDH DCW; Sub-Collections: SRI-ARC; Clerk: RWW;

Phone Log: 25 Jan 74, Tibor Harsanyi, SRI Graphics Communications
Industries Program

Interested in AKW applications to editing and composing; Dirk and
Dean will probably be contacted by him

Phone Log: 25 Jan 74, Tibor Harsanyi, SRI Graphics Communications
Industries Program

Was just called by Tibor Harsanyi, Org 223, Room C222, Ext 3953, who
joined SRI about six months ago. He's launching a LRPS report on
"Automated Editing and Composing Sytems," and is interested in
learning about our developments might be relevant. He already has
met Tom Humphrey, and will work together with him a bit.   1

Agreed to send him a bunch of our literature; when he has digested
what he wants, he will bring it back, perhaps negotiate to keep some
of it.   2

I told him about our long-standing but sadly under-nourished
Documentation Production and Control System (DPCS) activity.
Suggested he get in touch with Dirk Van Nouhuys and Dean Meyer -- I
told him that they were our main core DPCS people.   3

Sending for his initial study (as per above agreement):   4

    D. C. Engelbart, AUGMENTING HUMAN INTELLECT: A CONCEPTUAL
    FRAMEWORK, SRI Project AFOSR-3223, October 1962 (XDOC -- 3906,)   4a

    D. C. Engelbart and W. K. English. "A Research Center for
    Augmenting Human Intellect", AFIPS Proceedings, Fall Joint
    Computer Conference, 1968, Washington, D.C. (XDOC -- 3954.)   4b

    D. C. Engelbart and ARC Staff, ADVANCED INTELLECT-AUGMENTATION
    TECHNIQUES, Final Report on NASA Contract NAS1-7897, July 1970
    (XDOC -- 5140,)   4c

    D. C. Engelbart, COORDINATED INFORMATION SERVICES for a
    DISCIPLINE- OR MISSION-ORIENTED COMMUNITY, paper presented at the
    Second Annual Computer Communications Conference, San Jose,
    California, 24 January 1973. (Journal, dated 12 Dec 72 -- 12445.)   4d

    Augmentation Research Center, ONLINE TEAM ENVIRONMENT: NETWORK
    INFORMATION CENTER and COMPUTER AUGMENTED TEAM INTERACTION, Final
    Report on project RADC-TR-72-232, June 1972 (Journal -- 13041,)   4e

    D. C. Engelbart, DESIGN CONSIDERATIONS FOR KNOWLEDGE WORKSHOP
    TERMINALS, paper presented at the National Computer Conference,
    New York City, June 1973. (Journal -- 14851.)   4f

    D. C. Engelbart, R. W. Watson, J. C. Norton, THE AUGMENTED
    KNOWLEDGE WORKSHOP, paper presented at the National Computer
    Conference, New York City, June 1973. (Journal -- 14724.)   4g

    J. C. Norton, R. W. Watson, WORKSHOP UTILITY SERVICE FOR THE USE
    OF KNOWLEDGE WORKSHOP TECHNOLOGY, Technical Proposal to Bell
    Canada, SRI No. ISC 73-147, October 8, 1973 (Journal -- 19250,)   4h

Phone Log: 25 Jan 74, Tibor Harsanyi, SRI Graphics Communications
Industries Program

   Augmentation Research Center, "Output Processor Users' Guide," 23
   Aug 73, (Journal -- 12209,)   4i

Phone Log: 25 Jan 74, Tibor Harsanyi, SRI Graphics Communications
Industries Program

(J21622) 25-JAN-74 15:10;   Title: Author(s): Douglas C. Engelbart/DCE
; Distribution: /dvn ndm   jcn   tlh   rww   bc   drb   jml (Jeanne: Please
send him the listed documents, on loan) ; Sub-Collections: SRI-ARC;
Clerk: DCE ;

I have been accepted at UCSC for the Spring Quarter starting April 1, 1974. I have six quarters left to finish my degree. At the same time I attend Santa Cruz, I would like to continue my work on Query databases on an hourly basis via a T-I through an SRI phone extention. If this is not judged to be worth while at this time, I have little more than a week in which to confirm my enrollment (till Next Monday February 4). If I were assigned the appropriate SRI title (Research Associate?) for the ARC function of NLS Query Database Coordinator (see--21257,) or if I could be assured of the use of a line processor and/or TI next fall, then I would want to postpone my degree. Please let me know soon if either of my alternatives are acceptable.   -- Kirk

1

(J21623)   25-JAN-74 15:21;   Title: Author(s): Kirk E. Kelley/KIRK;
Distribution: /JCN; Sub-Collections: SRI-ARC; Clerk: KIRK;

NIC Mail Distribution Activity: 1973

The NIC distributed approximately 67,000 hardcopy documents through
the US Mail in 1973.   This note gives a breakdown of what got
distributed.

NIC Mail Distribution Activity: 1973

Marcia Keeney has compiled the following data on the NIC's mail
distribution activity during the calendar year 1973:   1

1. At year's end, the Identfile contained data on   2

    a) 962 INDIVIDUALS   (up from 600 in Jan 73), and   2a

    b)   91 ORGANIZATIONS   (defined as including Hosts, and
Associates that are identified by a unique NIC ident).   2b

      The main distribution groups for these 91 organizations are: 2b1

      NLG   (liaisons)   67
      NSAG (station agents)   54
      NAG   (associates)   34
                           ---
                          155   2b2

2. The NIC distributed approximately 67,242 hardcopy documents (not
PAGES, but whole documents) through the U.S. mail.   3

    Subtotals: 3a

      24,490   copies of RFC's
       4,800*   Miscellaneous Journal Memos
       8,787   Group Notes
      24,645   Functional Document Updates
       2,290   copies of Arpanet News
         930   copies of Arpanet Bulletin
       1,300*   miscellaneous documents, sent on request

    67,242   3a1

      * 5439 Journal items were distributed through the Journal;
      of these approximately 4800 were distributed in hardcopy   3a1a

      * approximately 1300 misc documents were sent as and when
      requested   3a1b

      NOTE: none of these data includes distribution of the new
      Arpanet Directory.   3a1c

    Breakdown: 3b

      a. 24,490 RFC's,   3b1

      158 separate RFC's, sent to 155 recipients: NLG, NSAG, NAG   3b1a

      b.   6,100 Miscellaneous Journal Memos.   3b2

NIC Mail Distribution Activity: 1973

c.   8,787 Group Notes: 3b3

   254 separate notes, sent as indicated in this table: 3b3a

	group	#members	#notes	#copies sent	
					3b3b
ASS	(Satellite Syst)	25	22	550	
CBI	(Computer Based Instr)	48	4	192	
IIG	(Imlac Interest)	29	3	87	
INWG	(Intl Netwk Workg Grp)	63	33	2079	3b3c
NGG	(Graphics)	45	5	225	
NMG	(Measurement)	30*	6	504	
NSC	(Speech Compression)	7	12	84	
PR	(Packet Radio)	15	82	1230	3b3d
SUR	(Speech Understandg)	27	59	1593	
TIPUG	(TIP Users)	63*	17	1989	
USERS	(Network Users)	18	3	54	
USING	(Users Interest)	25	8	200	
			----	------	
			254	8787	3b3e

      * plus NSAG membership (54)   3b3e1

d. 24,645 Functional Document Updates   3b4

   159 items, sent to 155 recipients: NLG, NSAG, NAG   3b4a

Protocols	21 items	(7 mailings)
Resource Notebk	45	7
Old Directory	75	5
Old User Guide	3	3
Catalog	15	2

	159		3b4b

e.   2,290 copies of Arpanet News   3b5

   10 issues, sent to 229 recipients:
      NLG   67
      NSAG   54
      NAG   34
      PI   52
      extras   22   3b5a

f.   930 copies of Arpanet Bulletin   3b6

   6 issues, sent to 155 recipients: NLG, NSAG, NAG   3b6a

2

NIC Mail Distribution Activity: 1973

(J21624) 25-JAN-74 16:46;   Title: Author(s): Marcia Lynn Keeney,
Michael D. Kudlick/MLK MDK; Distribution: /SRI-ARC; Sub-Collections:
SRI-ARC; Clerk: MDK;
Origin: <KUDLICK>NICDATA.NLS;9, 25-JAN-74 16:41 MDK ;

RUNFILs for DEIS Message System

I have developed RUNFILs which can be run periodically by secretaries
at each of the EPACs. The file will: 1

   run the user program INMES to insert the whole message.txt file
   for each member of that Center's population in the file
   <ENERGY>MAIL.NLS, under a branch for the person to whom it was
   sent   1a

   append the message.txt file in each person's directory to a
   sequential file called MAIL.TXT   1b

   delete the MESSAGE.TXT file   1c

   print out each person's new messages, with the directory name and
   the date and time, on a seperate page for each parson.   1d

I have defined the populations as follows, with additions expected in
the near future: 2

   East   2a

      miller   2a1

      jordan   2a2

      capps   2a3

      energy   2a4

   West   2b

      schmidt   2b1

      kruzic   2b2

      brown   2b3

      rodden   2b4

      whitby   2b5

      walters   2b6

Expected additions are: 3

   East   3a

      Neitzel (Betty J)   3a1

RUNFILs for DEIS Message System

Rodriguez	3a2
West	3b
Garza	3b1

To make this system work, one must (and I have for the above
mentioned people) do the following: 4

add a branch to the file <energy>mail.nls consisting of the
directory's name in parens (to make it a statement name) and an
empty substatement (needed for the runfil to work right the first
time a message is received)   4a

create an empty sequential file called MAIL.TXT in the directory
with a protection of 666600   4b

change the protection of the message.txt file in the directory to
774404   4c

copy a statement in the source file for the runfil, and substitute
in the new directory's name; then output sequential to form a new
runfil   4d

The source files currently exist on the SRI-ARC machine as
<meyer>mail-east.nls and <meyer>mail-west.nls.   5

The RUNFILs currently exist on the OFFICE-1 system as
<miller>mail-east.run, <jordan>mail-east.run, and
<walters>mail-west.run.   6

The RUNFILs have the protection 420200.   6a

I (Dean Meyer) will be glad to take care of all additions and
modifications to this system.   7

RUNFILs for DEIS Message System

(J21625) 25-JAN-74 17:46; Title: Author(s): N. Dean Meyer/NDM;
Distribution: /JCN DVN; Sub-Collections: SRI-ARC; Clerk: NDM;
Origin: <ENERGY>ENERGY-MESSAGES.NLS;1, 25-JAN-74 17:43 NDM ;

Response to Nancy's comments on WAC

Nancy's comments are about <USING>WAC

Response to Nancy's comments on WAC

Nancy,
Thank you for your opinions in <21612,> concerning the WAC. It is
exactly the sort of information I am looking for. As soon as some
more feedback comes in, I will try to better generalize about what is
needed and take a more macroscopic view. I feel my idea will differ
from the hardcopy visions people have of the "Whole Earth Catalog",
but I'm not sure how entrenched those visions are.   1

There is no intentional implication on my part that the WAC should be
located on only one computer, let alone the NIC. I will try to
elaborate on this later, but I think the highest levels would be
duplicated on two or more computers. Not the entire catalog as that
would be impossible since, as I envision it, it would extend deeply
throughout all the servers on the network.   2

I don't understand what is impractical about including other
databases and allowing links to bring you to increasingly more
complex and detailed levels of knowledge if that is what you as a
user wished to do.   3

A hard copy version would be nice for browsing when you did not have
a terminal. However, if you are online, and yet online is not the
media you use to locate something online, what's the use of being
online?   4

If "book" must be the word to describe the WAC, then it is not of
much interest to me. I think the concept of a Whole Arpanet Catalog
can be a framework for the scheme that the Information Management
Group is trying to define. I will attempt to deal more with the
questions of "who", "where", and "how", but first I will need the
opinions of other members about these things and at least a little
positive feedback about "what".   5

Response to Nancy's comments on WAC

(J21626) 25-JAN-74 22:00;   Title: Author(s): Kirk E. Kelley/KIRK ;
Distribution: /INFORMAN ; Sub-Collections: SRI-ARC INFORMAN; Clerk:
KIRK ;

Addendum to (21623,)

The monthly cost of an SRI extention to Santa Cruz is $195.   The
instalation charge is $20.   1

Addendum to (21623,)

(J21627)   26-JAN-74 11:35;   Title: Author(s): Kirk E. Kelley/KIRK;
Distribution: /JCN; Sub-Collections: SRI-ARC; Clerk: KIRK;

I discovered that it's the --12345 that doesn't work.   12345, works exactly as I think it should.   Try delete number on each one.   Is there any chance of getting number to do something other than "illegal number" if it's preceded by -- ?

1

(J21628)   26-JAN-74 13:38;   Title: Author(s): Kirk E. Kelley/KIRK;
Distribution: /EKM; Sub-Collections: SRI-ARC; Clerk: KIRK;

Mike -- the file is (using,service,) in <using> directory. It is an
Nls file. To ftp it, specify <using>service.nls;xnls, I believe.   I
have no idea what problem you are encountering. Dave.   1

(J21629)   26-JAN-74 14:55;   Title: Author(s): David H. Crocker/DHC;
Distribution: /MAP; Sub-Collections: NIC; Clerk: DHC;

UCSB Interview Request

Roland:

The brochure you sent seems very appropriate for distribution to the network; I would suggest having a NIC Number assigned and having the NIC distribute it to network liaisons and station agents.

The purpose of this note is to inquire relative to the previously discussed on-line interview with you. We had thought that the March issue would be a good time to carry such an interview, and, to ensure an optimum amount of on-line life for the interview, may we suggest doing it as early in February as possible.

If you concur, please set a time. We, of course, would prefer doing it in the evening when the Net is quiet or on a weekend. However, any time is fine. We can conduct the interview at any of the following sites: SRI-ARC [NIC], ISI, or CASE-10.

Please respond to any of the following mailbox's: iseli@isi, help@nic, jernigan@nic; or, through NIC Journal to JI and/or MEJ.

Best regards, ...Jean   1

UCSB Interview Request

(J21630)   26-JAN-74 19:56;   Title: Author(s): Jean Iseli/JI;
Distribution: /RFB MEJ; Keywords: UCSB Bryan Request News;
Sub-Collections: MITRE-TIP SRI-ARC NEWS; Clerk: JI;

Rating paragraph attempt

Committee members: 1

   Here is a trial paragraph on the rating idea purposed by Alan,
edit it at will.   2

   Rating   2a

      A rating system should be developed so that users can know at a
      glance what to expect from a server. Since servers generally
      offer several types of service and usually can be considered to
      specialize in only one or two of them, we feel that a rating
      system that would give an individual rating for each type of
      service offered would be of the greatest usefulness. The
      definition of such a rating system should be done in
      coordination with the measurement of the various servers to
      better insure completeness and crediblity of the rating. The
      definition of the rating system and its application to the
      various servers is beyond the scope of this committee, and
      should be made a longer term project of USING either as a
      separate committee or as part of the Performance Measurement
      Laboratory committee, with a preliminary report to be given at
      the next USING meeting.   2a1

One other thought. It occurred to me that we have been considering
up to this point a server as the "owner" of a computing resource.
However, there are other types of servers in the offing. The ANTS
group could be considered to be an example of a "server" that is not
really providing any computational resources but services of another
type. I believe that similar types of servers for various other
network related commodities will develop in the future. Are there
any peculiar requirements that apply to these servers as opposed to
the more classic kind which we should address? Or should we just
ignore it for the time being?   3

John   4

Rating paragraph attempt

(J21631)   27-JAN-74 13:01;   Title: Author(s): John D. Day/DAY;
Distribution: /SERDEF; Sub-Collections: NIC SERDEF; Clerk: DAY;
Origin: <ILLINOIS>NOTETOSERDEF.NLS;2, 27-JAN-74 13:00 DAY ;

Journal Documnets Authored, 1973 and some 72, Bair

Journalized to release disc space and store for future reference.

Journal Documnets Authored, 1973 and some 72, Bair

(AUTHOR) Journal documents authored (:xbr)   1

    JHB 25-JAN-74 10:18   30013
    Test of Ident Bell-Canada
    Message: This is a test of the Group Ident BELL-CANADA.   Inez
    Mattiuz: Please respond by checking to see if all your people get
    this Journal message. I have specified the ident BELL-CANADA in
    the distribution...if it works it can be very useful to you for
    sending mail to the entire BPG group. Please let me know, Thanks,
    Jim.
    *****Note: Author Copy*****

                                                                            1a

    JHB 25-JAN-74 10:12   30012
    Resend of Transfer Annoucnement to Bell-Canada
    Location: (GJOURNAL, 30012, 1:w)
    *****Note: Author Copy*****

                                                                            1b

       Comments: Please read to find out about trouble shooting and
       feedback.   1b1

    JHB 23-JAN-74 20:33   21594
    Journal and the Utility, some feedback.
    Message: Re: (GJOURNAL, 30002, 1:w)
     Duane. sounds like your Journal document is a good writeup of
    some of the Journal sending process. Thanks, I think I'll send it
    to Inez too. Obviously I received the Journal reference from the
    Utility, and on the same day
    *****Note: Author Copy*****

                                                                            1c

       Comments: To KWAC for your information. Inez, jump on the link
       for a good description.   1c1

    JHB   23-JAN-74 20:13   21593
    Knowledge Worker Architects group ident (KWAC)
    Message: Hi   The Knowledge Worker Architects group ident (KWAC)
    has been set up, and this is the first test. It saves typing the
    idents of Connie, Inez, Duane, Doug, Jim and myself everytime you
    want to say something with regard to the task we are all about,
    that of building Augmented Knowledge Workshops. It should help us
    form a community which puts six heads together to solve problems
    we're all interested in. Please note that Jim Norton is the
    coordinator and I'm his helper, particularly with regard to
    training, and that Doug is the chairperson (my concept, maybe a
    little formal though).
       Hoping to hear from a KWAC, Jim Bair...

*****Note: Author Copy*****

1d

JHB 23-JAN-74 18:11   21589
Addendum to the Utility Transfer announcement for Bell-Canada
Message: The Journal item, ANNOUNCEMENT: TRANSFER OF USERS TO THE
UTILITY, OFFICE-1, has two items that will not concern you as
non-Network users: the double @ sign, and the login to host 43.
We will be giving you a phone number for direct dial sometime
today (Thursday).
*****Note: Author Copy*****

1e

    Comments: Immediate attention   1e1

JHB 23-JAN-74 17:44   21586
Visitlog, 17 Jan, Williams, from Measurex
Message: VISITLOG: Craig Williams, programmer, Measurex Corp.,
10475 Imperial Ave. (Rm. 316), Cupertino (255-1500 X487). 17 Jan
73
Interested in the mouse and the keyset. Had read about them and
was turned on to application in his environment (programming and
editing). Was impressed although the system was down when he got
here. Invited back... Gave him 2 docs: 12445 and 14724.
(Background: MS in analytical chemistry, Purdue 69).
*****Note: Author Copy*****

1f

JHB 23-JAN-74 16:56   21585
Announcemnt of Transfer to the Utility for Bell and RADC
Location: (GJOURNAL, 21585, 1:w)
*****Note: Author Copy*****

1g

    Comments: immediate attention   1g1

JHB 21-JAN-74 21:47   21550
Bair/Norton Trip to Bell Canada and RADC, Dec.73
Location: (GJOURNAL, 21550, 1:w)
*****Note: Author Copy*****

1h

    Comments: For your info.   1h1

JHB 21-JAN-74 21:30   21549
Request from RADC for remote printing characteristics.
Location: (GJOURNAL, 21549, 1:w)
*****Note: Author Copy*****

1i

Comments: This was requested at my Dec. trip to RADC. Perhaps
it should wait until the new NLS, but it certainly does seem
worthy of inclusion.   1i1

JHB 17-JAN-74 15:39   21507
RADC
Message: The Journal system provides the capability to send
messages that are subsquently catalogged and indexed. In this msg
I'd like to inform you that the forms system is receiving a great
deal of attention and coding shoulld be underway as soon as the
current technical proposal is approved by RADC (see D Stone for
the details).
*****Note: Author Copy*****

                                                                             1j

Comments: In response to your request.   1j1

JHB 17-JAN-74 15:01   21503
Bell L-10 programming capability
Location: (GJOURNAL, 21503, 1:w)
*****Note: Author Copy*****

                                                                             1k

JHB 17-JAN-74 14:10   21501
Response to request (Bell — Feldman) for L-10
Message: Hi Phil: There is no program to rearrange a file in such
a way. This is a very esoteric job, and it would not be practical
to go to the extent of writing a program to do something that may
be done once or twice at the most. This is reenforced by the fact
that this is a fairly easy process on DNLS...merely a matter of
pointing to the old and new locations on a split screen. Since
you do not have DNLS available as yet, I'll do it for you this one
time (it is possible on TNLS but not as easy).
I'll be looking forward to your visit in March. The weather
should still be quite an improvement over that in Montreal
*****Note: Author Copy*****

                                                                             1l

JHB 8-JAN-74 15:58   21331
AGENDA For the Architect's Seminar, Jan 10 - 15
Location: (GJOURNAL, 21331, 1:w)
*****Note: Author Copy*****

                                                                             1m

Comments: 3 pages long   1m1

JHB 8-JAN-74 12:20   21324
Welcome party for Architects --all ARC invited.
Message: There will be a welcome party for the four architects who

are coming to ARC this Thurs. for a week long Architect's seminar.
It will be at 5:30 at Doug's place (Jan. 10), replete with pizza
and beer.
All ARCers are invited. It is hoped that the architects will get
to meet the ARC staff and vice versa,
Please let Jeanne Leavitt know as soon as you can whether or not
you are attending so we can plan on quantities of food.
*****Note: Author Copy*****

1n

Comments: Immediate attention   1n1

JHB 7-JAN-74 12:43   21307
Status of the Utility, Office-1, 7 Jan.
Message: For your information: the Utility will probably not be
up this week due to the continuing failure of the BBN Pager. Due
to the extreme nature of the difficulty with this vital piece of
hardware, the top BBN expert is flying to Cupertino now (Mac
McKinly). We all share the disappointment that this continued
delay brings, and everything possible is being done to rectify the
situation as soon as possidle.
*****Note: Author Copy*****

1o

JHB 7-JAN-74 10:44   21306
Visitlog, 7 Dec 73, Hanneman and Knight from Annenberg
Location: (GJOURNAL, 21306, 1:w)
*****Note: Author Copy*****

1p

Comments: This is being submitted as is since no revisions were
suggested.   1p1

JHB 27-DEC-73 15:52   21226
Telelog, 30 Nov. Utility interest: Zanner
Location: (NJOURNAL, 21226, 1:w)
*****Note: Author Copy*****

1q

Comments: Catching up on logging....   1q1

JHB 27-DEC-73 15:38   21225
Visitlog 10 DEC 73, Fred Lakin
Location: (NJOURNAL, 21225, 1:w)
*****Note: Author Copy*****

1r

Comments: I'd be interested in your reaction to this little
tidbit.   1r1

JHB 16-DEC-73 10:23   20912
Notice of NLS Training at RADC
Location: (MJOURNAL, 20912, 1:w)
*****Note: Author Copy*****

1s

Comments: Duane, Would you please see that everyone has a copy
of this in hardcopy form if they are not likely to receive it
on-line.   Thanks.   1s1

JHB 12-DEC-73 21:57   20870
Journal Documents Received and READ to early Nov. 73
Location: (MJOURNAL, 20870, 1:w)
*****Note: Author Copy*****

1t

Comments: For personal use, Journalized to release disk space.   1t1

JHB   12-DEC-73 17:56   20866
 Visitlog, Dec 7: Annenberg USC
Message: Please read and make any changes/additions in
(bair,visit,) before I submit it to the Journal. (The protections
are set to read/write all.)   Thank you.
*****Note: Author Copy*****

1u

Comments: For your action.   1u1

JHB 7-DEC-73 21:05   20813
Telecon log, Nov. 30
Location: (MJOURNAL, 20813, 1:w)
*****Note: Author Copy*****

1v

Comments: for your information   1v1

JHB 2-DEC-73 17:28   20673
Goings on at BBN and SADPR
Location: (IJOURNAL, 20673, 1:w)
*****Note: Author Copy*****

1w

Comments: Jim, I noticed that you werent on the distribution
for this, so in case you didnt get it some other way, here is
the link and some of the questions it raised. I would like to
go back ther and talk to them about training at some time,   1w1

JHB 2-DEC-73 16:48   20672
UK Problems with Sendprint

Message: Re: "Problems with SENDPRINT" Stephen R. Wilbur/SRW;
UK-ICS (IJOURNAL, 20594,)
 Smokey: This seems to be a problem on the programming level.
Realizing that Sendprint is a tentative program at best, could we
still offer some help across the ocean until our new system comes
up? Jim
*****Note: Author Copy*****

1x

JHB 2-DEC-73 16:15   20671
DLD2 Problem rec, Journal Mail
Message: DLD2 30-NOV-73 06:54   20646
DAUGHTRY's Directory....RADC
Message: Jim I talked to you here earlier about my initials file.
The problem is   two-fold. First, I lost all the information in
Bethke's old file and I need it for guidance in some work I was
doing (I refer to bethke's initials file)...Secondly, since
creation of the directory in my name I   have not recieved any
JOURNAK mail at all. AKW experts here think that I may not be in
the RADC group. Please fix the two problems for me as soon as you
can. Thanks ... Dave Daughtry

*****Note: Author Copy*****

1y

    Comments: Marsha, Would you check into this please?   Thanks,
    Jim   1y1

JHB 29-NOV-73 14:47   20638
Analysis of the response to the Utility
Message: Response to -- IJOURNAL, 20173, 1:w) "What is Analrsis
Going to do about the Utility?" SRL 12-NOV-73
    Some discussion ensued, however, it was not productive. We are
at the point, however, that some discussions are necessary about
(1) the kinds of instruments that should be employed and thce time
frame given a whole range of contingencies, (2) what level of
interaction should be persued between analysis people and utility
staff, (3) the manpower resources that are available and (4) the
constituency of the population.
I think that it is imperative we meet to discuss these questions.
If there are no responses to this, I will assume agreement and
will set up a meeting next week.
*****Note: Author Copy*****

1z

JHB 29-NOV-73 11:02   20626
New Directory at RADC for MAW
Message: Mike A. Wingfield now has a directory and may be sent
Journal ident = MAW) and sndmsg communications. Welcome aboard

Mike
*****Note: Author Copy*****

1a@

JHB 13-NOV-73 09:05   20199
Location: (IJOURNAL, 20199, 1:w)
*****Note: Author Copy*****

1aa

JHB 12-NOV-73 15:12   20176
Suggestion for New NLS Consistancy
Location: (IJOURNAL, 20176, 1:w)
*****Note: Author Copy*****

1ab

    Comments: This is a rough idea of what I think is an important
    decision yet to be made about New NLS conventions. We should
    meet on a joint position?

1ab1

JHB 9-NOV-73 16:13   20151
New and renamed directories for RADC.
Message: A new directory has been created for Ed Laforge and the
dirs for Bethke and Sliwa have been renamed to Daughtry and Liuzzi
respectively.   In order to complete the renamiing process, the
original dirs had to be destroyed and new dirs created under
thenew names. This is a complex process that involves file
transfer problem and consequently the contents of the old dirs
will not be completely restored until Tues.,13 Nov. although the
process actually began on Thurs., 8 Nov. When completed all the
files from Bethke should be in Daughtry, and the same for Sliwa to
Liuzzi.
*****Note: Author Copy*****

1ac

    Comments: Now you can use sndmsg and Journal to communicate by
    he correct name and ident (see goto ident submode).

1ac1

JHB 8-NOV-73 15:08   20117
visitlog, S. U. Class (Roth)
Message: Prof Bernie Roth's class of mechanical engrs. in computer
aided design Wed. 11:50 -- 1:10. 7-NOV-73   Attendees: Allan
Krammer, Larry Marshell, Barry McNiel; Jim King, Robert Potter,
Dave Koch. These older students at S.U. asked some relatively
penitrating questions, and were seemingly able to grasp the
concepts prsented in such a brief time, 1/2 hr.
*****Note: Author Copy*****

1ad

JHB 7-NOV-73 18:26   20093

Output directives cue card, response to JI
Message: Thanks for including me in your distribution. I agree
that a cue card would be of great value given my experience over
the years preparing long documents for printout and using a small
subset of the directives. The only problem is deciding which
directives; a subset that may not be the same for each user let
alone different applications. Perhaps you could suggest a subset
for stated applications. (response to --20042,)
*****Note: Author Copy*****

1ae

JHB 5-NOV-73 20:35   20061

Message: Please feel free to link to me any time. Jim Bair (If
you can find me on...)
*****Note: Author Copy*****

1af

JHB 26-OCT-73 10:16   19872

Message: Dirk, Do you have a copy of OVERVIEW OF NLS
(userguides,12202,). It looks like it might be interesting, but
is off line. With dsk the way it is I dont want to bring it back.
Could Xerox a copy....
*****Note: Author Copy*****

1ag

JHB 25-OCT-73 15:04   19858
Suggestion for Primer
Message: A suggestion that I think I forgot mention: How about
having pointers, peerhaps in the form of a list, in the Primer to
related documentation. Hopefully, this would enable the user to
find details on things that interested him in the document. Could
be likke footnotes, or just a bibliography for both on-linne and
off line access. Not sure if the HELP system should be the only
thing obviously available.
*****Note: Author Copy*****

1ah

JHB 25-OCT-73 14:48   19857

Message: There is quest cottage availablle on an estate in
Woodside for $300 per mo.   2 br. beamed ceiling. For details and
contacts see Jim Bair.
*****Note: Author Copy*****

1ai

JHB 25-OCT-73 09:59   19854
RADC Host MIS and TR

Message: JMB is a cute little female (not Chick, bad word) =
Jennie Beck, who is a writer out here.   I will look at the
proposal for info purposes. Im surprised (well, not really) that
no movemen toward an RADC ARPA NET Host has been made. There
cerainly does seem to be a possibility for "swapping" compuer
ervices.
Yes...I really appreciate your offer (,19851,) to check on the
thing I would like to see become a TR (see -- bair,sec1,).   I
can't imagine that it would have any negative impact and I'm sure
that are some worthwhile ideas in the 180 pp.
*****Note: Author Copy*****

1aj

    Comments: I copy of this is sent to Rich Thayer so that he
    would be aware of the interest I have in the RADC MIS effort(s)
    and that the report I promiised is there, done and ready to go
    as a TR.

1aj1

JHB 24-OCT-73 14:36   19845
Line width greater than 72.
Message: I tried to answer your question last week but the sndmsg
got hung up. It stayed unsent in my directory until yesterday,
when I was notified that the system gave up trying to send it.
The problem seems to be that the net was down when I initially
tried to send it last week.
You probably have already found an answer to your question, but in
case you haven't... To adjust the line width, set the TENEX width
to n: WIDTH (of line is) n CR, and then use the processor
dirrectives to set the right margin: .RM=n;. That should do it .
I would appreciate knowing how things worked out. Jim Bair,
SRI-ARC.
*****Note: Author Copy*****

1ak

JHB 22-OCT-73 22:02   19822
Consultation
Location: (LJOURNAL, 19822, 1:w)
*****Note: Author Copy*****

1al

    Comments: This has been discussed with JCN and should be
    discussed with DCE.

1al1

JHB 19-OCT-73 14:45   19779

Message: In response to Dougs Journal Item(Ljournal,19746,), my
oersonal opinion is that it would be useful, depending, of course,
on an individual users way of working. My suggestion is better
frased as a question initially: will sndmsg be accessable from

the NLS level with a "go to" or some such thing? To easily get
into that subsystem from nls would be of great advatage.
Incidentally, I also have found IMNES very useful, although I have
not utilized the "round trip" that heavily. I would like to know
the reason that sndmsg is more attractive than Journal for DCE's
usage...my reason is that Journal is too public and create the
permanent record of everything without regard for its triviality,
to wit this message....
*****Note: Author Copy*****

1am

JHB 15-OCT-73 18:37   19678

Message: Marcia,
...where have you been?
Dave's handle:
Dr. David W. Conrath
Department of Management Sciences
University of Waterloo
Waterloo, Ontario, Canada
Phones*   Office (519) 885-1211 X3679
          home   (519) 744-0836
Thanks again, Jim
*****Note: Author Copy*****

1an

JHB 8-OCT-73 16:10   19555

Message: Dear Mr. McKensie:
I would again like to thank you for you explanation and
cooperation with regard to the Net problem. I am no longer at
RADC but would like to continue to get any news about Net
problems, releases, etc., at my new location at SRI-ARC. Just
include JHB in your distribution and Ill get it. Be "talking" to
you.
Sincerely, Jim Bair
*****Note: Author Copy*****

1ao

JHB 8-OCT-73 15:28   19553

Message: Hi Ric, I'm now at SRI...what an improvement. One of my
things will betraining for the utility. The Bay area is something
else...ever been here? If not you should schedule a trip,
prefereably when the wintee sets in up there in snow country.
Say, I hear tht you are moving...wha's the story? Take care, Jim
*****Note: Author Copy*****

1ap

JHB 8-OCT-73 14:12   19550
A comment about the new command language
Location: (KJOURNAL, 19550, 1:w)
*****Note: Author Copy*****

1aq

JHB 4-OCT-73 17:19   19520
Jornal Documents Jul 73 -- 4 Oct. 73 for BAIR (JHB)
Location: (KJOURNAL, 19520, 1:w)
*****Note: Author Copy*****

1ar

   Comments: JOURNAL ITEMS RECEIVED JOURNALIZED 4 Oct 73 to
   release file space.   1ar1

JHB 6-SEP-73 18:49   18838

Message: Ric: Are you the same Ric that I met from Canada? If
so, hi, and welcome aboard. How are you getting along with the
System? Jim Bair (JHB) formerly of RADC.
*****Note: Author Copy*****

1as

JHB 31-AUG-73 12:35   18791
draft report
Location: (MJOURNAL, 18791, 1:w)
*****Note: Author Copy*****

1at

JHB 31-AUG-73 12:32   18790
draft report
Location: (MJOURNAL, 18790, 1:w)
*****Note: Author Copy*****

1au

JHB 31-AUG-73 12:31   18789
draft report
Location: (MJOURNAL, 18789, 1:w)
*****Note: Author Copy*****

1av

JHB 31-AUG-73 12:28   18788
draft report
Location: (MJOURNAL, 18788, 1:w)
*****Note: Author Copy*****

1aw

JHB 31-AUG-73 12:26   18787
draft report

Journal Documnets Authored, 1973 and some 72, Bair

Location: (MJOURNAL, 18787, 1:w)
*****Note: Author Copy*****

1ax

JHB 31-AUG-73 12:23   18786
draft report
Location: (MJOURNAL, 18786, 1:w)
*****Note: Author Copy*****

1ay

JHB 31-AUG-73 12:16   18784
draft report
Location: (MJOURNAL, 18784, 1:w)
*****Note: Author Copy*****

1az

JHB 31-AUG-73 12:01   18783
train
Location: (MJOURNAL, 18783, 1:w)
*****Note: Author Copy*****

1b@

JHB 29-AUG-73 11:23   18703
Net Host Connection Problems -- continued.
Message: The following is BBN's (Neigus) response to SRI's comment
(18642,) about the continuing problem of broken and silent
connections.
Thanks for your pointer to ILA's message (journal,17838,).   It
does make sense but is not related to the problem Bair is
experiencing. When the load averageis high, the NCP is slow to
respond to incoming RFC's (requests for connection).   The TIP has
a timeout of about 30 seconds (to receive a responce to the RFC)
and if it doesn't come by then, it times out and aborts the login
attempt.   Most hosts have longer timeout periods in their user
Telnets, and the connection attempt is often successful there.
The TIP timeout is sufficient for most hosts at most times, but a
high load average on a TENEX can cause trouble.   One way to get
around this on a tip is to do a series of login attempts ina row,
until one matches.
--Nancy

*****Note: Author Copy*****

1ba

    Comments: For your information -- edification.   1ba1

JHB 24-AUG-73 06:37   18631
Silent Connections to Host 2
Location: (MJOURNAL, 18631, 1:w)

Journal Documnets Authored, 1973 and some 72, Bair

*****Note: Author Copy*****

1bb

Comments: This 2 pp document represents an attempt to deal with
some of the problems we have been having at RADC getting into
Host 2.   1bb1

JHB 20-AUG-73 05:42   18498
Net Reloading effect on users -- suggestions.
Location: (MJOURNAL, 18498, 1:w)
*****Note: Author Copy*****

1bc

Comments: RADC: For your information. (guiea = guinea)   1bc1

JHB 15-AUG-73 07:02   18415
Status of Printer Use
Message: The printer is back on port 4. Port 5 is captured. It
will be released when the TIP is reloaded. PLEASE don't forget to
Give Back the port after send print. IF the TIP has been done at
all, you must set the data rate: @ d r 4599 LF.
*****Note: Author Copy*****

1bd

JHB 10-AUG-73 13:22   18362
What to do in case of trouble with the TIP or printer.
Message: An SOP has been set up with Capt. Stinson to be used in
case of trouble with either the printer or the TIP: CALL the
Facility secretary, Mrs. Rossi, at ext. 7009 and report the
problem. It has been agreed that she will then notify Jim Moran,
et. al., who will then correct the problem.
*****Note: Author Copy*****

1be

JHB 24-JUL-73 18:31   17997
Criteria for the Performance of the Oganization, RADC Established
by the Management
Location: (LJOURNAL, 17997, 1:w)
*****Note: Author Copy*****

1bf

Comments: These results are submitted to management for their
revision, concurrance, ments, rejection, etc. No response will
be taken as complete concurrance. Thank you.   1bf1

JHB 20-JUL-73 06:03   17942
Response to friendly message.
Message: Thank you for you thought...kind?...Just think, when I'm
gone there will be no more hassale(?) or concern about the

effectiveness and impact of AHI. Of course, Conrath is supposed
to come back in 6 mos. to do a posttest on communication tally.
You are going to meet with him this AM about 1030 with Laforge?
*****Note: Author Copy*****

1bg

   Comments: Copy for Ed Laforge sent to TFL directory.   1bg1

JHB 20-JUL-73 05:43   17941

Message: Hi   Looks like you learned how to use the
Journal...allthough it is difficult to imagine sending that many
messages in one day   Anyway, glad to see it is of some use to
you.
*****Note: Author Copy*****

1bh

JHB 18-JUL-73 08:25   17859
CONSULTANT VISITATION/MEETING
Message: Dr. Dave Conrath will be here on the 18th of Jul (Wed.)
to introduce the Communication Analysis that he will accomplish
within the ISI branch. This will use the Communication
Transaction Tally method that he pioneered. The branch meeting
will be held at 1530 in conference room A. An explanation of the
purpose and value of this investigation will be offered.
*****Note: Author Copy*****

1bi

   Comments: For your action/information   1bi1

JHB 4-JUL-73 09:21   17632
Imlac difficulties
Message: We are having trouble with the Imlac program. Theere are
3 things in ordeer of importance: (1) the screen display width in
in DNLS all of a sudden is about 15 characteers narrower, greatly
limiting what we can see... (2) during certain recreates, usually
involving viewspec change (eg. jump or load file) the Imlac
crashes and cannot be restarted without reloading thee program,
(3) in the exec, the top line of the display rolls down to the
bottom so we continually see the tp line in the wrong place.
There are other minor problems, but they are of little
consequence.
*****Note: Author Copy*****

1bj

JHB 21-JUN-73 05:58   17385

Message: This a test of the Journal system   Welcome on board

*****Note: Author Copy*****

1bk

JHB 11-JUN-73 08:57   17106

Message: Hi, how are you? If you get this it will show two
things, that you are on the system and that since I have defined
your id to the ident system you can receive Journal mail. I'm
sending a letter under separate cover -- let me here form you
Otherwise, will see you on June 18th.
*****Note: Author Copy*****

1bl

JHB 6-JUN-73 08:43   17061
Computer Augmentation of Human Intellect: A Revolution in
Communication
Location: (GJOURNAL, 17061, 1:w)
*****Note: Author Copy*****

1bm

Comments: This is the original version of the SID Proceedings
publication; the latter was distributed to all interested
parties. This version was proofread by Jim Norton and
colleagues at SRI. It is Journalized for permanent storage and
to release file space. (see -- bair,ch1sid,)   1bm1

JHB 6-JUN-73 07:11   17053
International Communication Assoc. Questionnaire
Location: (HJOURNAL, 17053, 1:w)
*****Note: Author Copy*****

1bn

Comments: Journalized for future reference.   1bn1

JHB 31-MAY-73 08:56   16927
Notice of Effort Writeup.
Message: The Effort writeup is complete as of 31 May 73 for the
AHI Analysis--Evaluatiion Task. To read the current status jump
on this link: (bair,effeval,status) and print the branch. Thank
you.
*****Note: Author Copy*****

1bo

JHB 23-MAY-73 07:45   16778
Experiences with an Augmented Human Intellect System: Computer
Mediated Communication
Location: (IJOURNAL, 16778, 1:w)
*****Note: Author Copy*****

. 1bp

Comments: This is a much refined and condensed version of the
paper prepared for the International Communication Association
Annual Conference, 1973. It has been selected for publication
in the PROCEEDINGS OF THE SOCIETY FOR INFORMATION DISPLAY,
Summer, 1973. (Approved for open publication USAF/AFSC/RADC.)
Comments are welcome   Additional detail and elaboration may be
found in the original paper (bair,ch1n,1:w).

1bp1

JHB 17-MAY-73 14:15   16658
Proficiency test for TNLS, response to (ijournal,16346,1:w), DVN
Message: Dr. George Borden has developed the draft of a proficency
test for RADC AHI users of TNLS. The test is designed to be self
administered and appears to cover most aspects of usage. Please
take a look at this short file (radc,prof,1:wm) and send your
comments or concurrance to me. I'm not sure how this fits in with
Dirk's ideas (ijournal, 16346, 1:w) yet but it doesn't appaer to
conflict. We should begin (all of us) taking this as soon as
possible.
This test would fit Dirk's "edit some file into a different form"
while noting CPU time. Of course the connect time and the
commands used will be tabulated (would be great if this commands
used were tabulated automatically in TNLS as they are in DNLS). A
further note: I'm note sure what the CPU time to type in online a
text (mjournal,16272,3) tells us....(I'd sure flunk ...)
*****Note: Author Copy*****

1bq

JHB 17-MAY-73 07:12   16650
proficiency test
Location: (IJOURNAL, 16650, 1:w)
*****Note: Author Copy*****

1br

JHB 9-MAY-73 06:27   16338
Response to DVN (MJOURNAL, 16245,), Matrix Structure
Message: Dirk,
Somewhat belated response to your matrix idea: Duane and I have
discussed it and although it sounds neat, can't really see any
application for it from our standpoint. The capability it would
facilitate currently resides in NLS techniques. eg. we have no
problem addressing entires in charts, graphs , etc. using current
addressing. Some questions were, could it be cost-effective?
ould the added complexity hinder new users and further belabor
skilled AKWs with more decisions and selections about structure?
NLS is so rich already.... This is a brief initial reaction.
Thanks for letting us in on it.
*****Note: Author Copy*****

1bs

Journal Documnets Authored, 1973 and some 72, Bair

JHB 1-MAY-73 05:47   16261
Re: JCN correspondence with Dr. Richman, S.U.
Message: Re: (mjournal, 16182,)
Joel Richman is the man I was talking to about NLS. He expressed
an interest in AHI on the part of the NY Stae Dept of Education
(?). As I mentioned, he has seen DNLS in operation. I would be
glad to give him further demos/discussions of TNLS or DNLS and
send him a copy of my recent paper. I have been using his
serrvices as a consultant for about 2 yrs. on the analysis of the
effects of AHI at RADC.
*****Note: Author Copy*****

1bt

JHB 30-APR-73 14:14   16247
ICA DEMO & other things
Location: (MJOURNAL, 16247, 1:w)
*****Note: Author Copy*****

1bu

JHB 24-APR-73 06:33   16108
Journal Citations from Initials file (JHB) for 1972.
Location: (MJOURNAL, 16108, 1:w)
*****Note: Author Copy*****

1bv

    Comments: Journalized to release file space; not referenced
    that much online.   1bv1

JHB 24-APR-73 06:22   16107
Response to (MJOURNAL, 16050,), re: Journal Service
Message: Duane, You mentioned some changes to the Journal that
wafed by you on the wind of rumor, I can't find any substantive
info on this. I especially don't understand the
questions/requests to ARC in your Journmess to Dirk. I think we
should have the oportunity to at leat comment on changes to this
major ubsystem we are trying to get our people to use even
more....
cc: DVN (This is a good addition: add a distribution list to the
author copy of Journal items).
*****Note: Author Copy*****

1bw

JHB 23-APR-73 05:25   16053
Revised Evaluation Plan for AHI, June, 1972.
Location: (MJOURNAL, 16053, 1:w)
*****Note: Author Copy*****

1bx

    Comments: This file is being submited to retain on-line

access...directory file space as well as entire system space
urgently needed. Uncertain why this file was never achived;
will be deleted now.

1bx1

JHB 12-APR-73 08:41   15756
Question about Journal vs Dialog Support
Message: As I work along on the paper, some issues that need
clarication are suffacing in addition to those you and Dirk
pointed out (which have been extremely helpful). What is the
difference between the terms "Dialog Support System" and Journal
see (bair,ch1,2c1:w) for an example of the "confusion".
*****Note: Author Copy*****

1by

JHB 9-APR-73 06:20   15638
Trip Report, Wash. DC, 2 Apr 73
Location: (MJOURNAL, 15638, 1:w)
*****Note: Author Copy*****

1bz

Comments: This is for AHI people on-line, hardcopy forthcoming
from ARC/Journal for transmission forward. Note: We need
space and ID for Col. Danielian's shop. Send messages, etc. to
them at RADC with a note at the beginning of the communication
stating the recipient''s ID/Name. (Borden also in RADC.)

1bz1

JHB 3-APR-73 12:29   15463
Response to comments on paper, Experiences with AHI.
Message: Thanks for looking at the paper, your brief comments are
encouraging. Please note that as with many things in the system
this is a rough draft and in some instances just an idea/outline.
I will send you copies at latter stages in the development of this
collection of pet ideas. Hopefully, Doug's comment will no longer
be appropriate. ie. about organization, clarification, etc.
Thanks again,   this collaborative dialogue is great
*****Note: Author Copy*****

1c@

JHB 3-APR-73 12:10   15462
Response to 15416, re: text editors vs. nls
Message: Thank you for your reply. I will be very interested in
your comments on the comparison, if it can be called that. Please
note that it is not finished and what is there is a rough
draft...but it is coming along. Do my general comments hold for
the editors you are familiar with
*****Note: Author Copy*****

1ca

JHB 30-MAR-73 9:10   15411

Journal Documnets Authored, 1973 and some 72, Bair

The Effect of the Computer Augmentation of Human Intellect on
Communication in the Group & Organization: A Proposal
Location: (MJOURNAL, 15411, 1:w)
*****Note: Author Copy*****

1cb

Comments: This is offered as an overview of what I am doing in
the area of human communication and AHI. Your comments &
suggestions are welcome. I am in the process of recording
observations basedon our initial experiences at RADC. This
proposal represents only one part of the evaluation /analysis
of the EFFECTS of AHI as we build a workshop. The review of
literature represents my homework more than anything, but it
indicates how I got to the problem. Thank you for your
interest.   1cb1

JHB 21-MAR-73 14:53   15229
Using DCEs work by quoting directly from cited files:
Collaboration.
Location: (LJOURNAL, 15229, 1:w)
*****Note: Author Copy*****

1cc

Comments: Response to DCE message   1cc1

JHB 19-MAR-73 5:25   15148
Introductory Command Summary for TNLS (FEB 73)
Location: (LJOURNAL, 15148, 1:w)
*****Note: Author Copy*****

1cd

Comments: Collated for use at RADC; Journalized for Accessable
Storage
Master Copy Printed by WRF
Access Copy Printed by WRF   1cd1

JHB 15-MAR-73 8:53   15111
Communication Analysis Technique for Analysis of AHI
Message: The "CCA" for analyzing the communication patterns in
organizations is briefly discussed in (bair,ahi2,6i2:w). It is
not complete as of yet but is being worked on. It IS a new
technique BUT the purpose and data have always been in the plan.
This is a recent advance in the SOA that is being incoorporated
post haste.
*****Note: Author Copy*****

1ce

Comments: In response to your question (reaction to MIN,
Stone). Copy for Kennedy.   1ce1

JHB DLS   29-JAN-73 7:36   14124
Net Port Unavailability
Location: (IJOURNAL, 14124, 1:w)
*****Note: Author Copy*****

1cf

JHB 17-JAN-73 7:20   13840
Feedback File (reactions to AHI)
Message: Hi   There is a file called FEEDBK in which you may enter
any comments, reactions, complaints, etc. that you wish.   These
will be read by the appropriate people at SRI as well as here at
RADC.   Action will be taken if possible. INSTRUCTIONS: Load File
<BAIR>FEEDBK and then enter your comment by Insert Statement at
.0. Your item will then be added to the top of the file.   THEN
Update Old so that the read/write permissions stay open for
everyone.   If you get a message, "PC Open Fail" or "file busy", it
probably means the file is in use. Enter anything--vent your
spleen.   Thanks, Jim Bair
*****Note: Author Copy*****

1cg

    Comments: For your action.   1cg1

JHB 11-JAN-73 7:25   13762
Feedback to SRI
Message: Jim says you should get this, so we will record problems
of interest   or requests for help, etc., and send it to you
periodically.   Please look at it in my dir if it occurs to
you.Thanks, Jim the other.
*****Note: Author Copy*****

1ch

JHB 9-JAN-73 14:30   13752

Message:
*****Note: Author Copy*****

1ci

JHB 23-AUG-72 12:23   11564
Message from JHB, aug. 72
Message: There is a short message for you at (bair,ahi,1:wm) from
Bair. (branch 1 only)
*****Note: Author Copy*****

1cj

JHB 28-JUN-72 7:22   10872
EVALUATION OF THE AUGMENTED HUMAN INTELLECT SYSTEM: A PLAN
Location: (JJOURNAL, 10872, 1:w)

Journal Documnets Authored, 1973 and some 72, Bair

     *****Note: Author Copy*****

                                                                          1ck

        Comments: This is the final draft of the Plan (now being
        implemented).   1ck1

Journal Documnets Authored, 1973 and some 72, Bair

(J21633) 27-JAN-74 21:08;   Title: Author(s): James H. Bair/JHB;
Sub-Collections: SRI-ARC; Clerk: JHB;