Proceedings of NLS project managers meeting: July 3, 1975

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(made in haste at the conclusion of the meeting) is to let you know
how we see the development of NLS in the group at this point in time
(if, in fact, that's what we did at the meeting)   1

  1a NLS Training: 1a

    1a1 Since the regularly-scheduled Friday morning sessions were
    poorly attended for one reason or another, Inez will now be
    asking you in advance when you will be free for group lessons
    on particular subjects (the Sendmail subsystem, for instance).
    Once you have indicated that you will be attendng the meeting
    on that date, we expect you to make every effort to keep that
    date free.   1a1

    1a2 Also, there will be continuing individual training offered
    by Inez to people on an "as required" basis. That is, if you
    would like to improve your skill skills in a particular area,
    or if you would like to know more about what the system can do
    for you, make it a point to arrange a mutually convenient time
    with Inez to go over things like that with her.   1a2

  1b NLS pre-packaged demonstration   1b

    1b1 There will very soon (one week ?) exist a facility whereby
    anyone of us can give a demonstration of the most fundamental
    capabilities of NLS just by signing on and giving one or two
    commands. This is handy if you're not sure of all the things
    you want to demonstrate, if you don't have the time to sit down
    for a demonstration yourself, etc.   1b1

    1b2 The automatic demo will work something like this: You'll
    phone up the computer as usual and sign on as Kollen, then go
    into NLS. The program will then take over automatically, and
    ask you what aspects of NLS you would like to have demo'd. (ie.
    editting, Sendmail, output processor, viewing text, etc.)   1b2

    1b3 There may be a problem using Jim's directory for this bu we
    figure that until he notices it, we'll be okay.   1b3

  1c NLS audio-visual: 1c

    1c1 Anand informed us that he hopes to have a completed draft
    of the script for the tape/slide show finished within two
    weeks, with most of the visuals ready to go by then as well, I
    think. This will be developed in a modular fashion (as if

slides weren't modular), and we'll be able to update it
regularly as our mpressions change, as output from Gwen's
evaluation is received, etc. It will be intended to give
novices and neophytes (also new-comers) an introduction of what
we meand when we say augmentation, and what its potential
applications are. The NLS demo that Inez has developed will
show one particular augmentation scheme at work.   1c1

1d NLS Evaluation: 1d

    1d1 Mere words cannot do justice to the enthusiasm with which
    we greeted Gwen's announcement that we would not have to read
    through her evaluation plan during the meeting. She chose to
    summarize it for us, saving the nitty-gritty for an experiment
    with the Sendmail subsystem; as best as I can recollect, the
    outline went something like this: 1d1

        1d1a What is NLS, and what is it doing here ?   How are we
        using it in BPG ? (with the idea of developng some idea of
        the efficiency with which we're using it)   1d1a

        1d1b What are the user attitudes (not only of nls-users, but
        of users of similar systems as well)   1d1b

        1d1c What is the future of NLS (if any) (with the idea of
        developing future business markets for services of this
        kind)   1d1c

    1d2 The first two segments would be prepared as documents for
    internal and external distrubution, while the third would be a
    report to our managers only.   1d2

    1d3 Somewhere in here are two section on the cost benefit
    analysis that will be conc_ducted on either the past three
    years use of it, or the next fifteen years use of it, as well
    as a section on the social implications.   1d3

    1d4 In all fairness to Gwen, I think you should see her
    evaluation plan rather than go by these minutes .....errr.....
    these proceedings.   1d4

1e Portable terminals: 1e

    1e1 These will now be coordinated by Inez; if you know in
    advance that you will be needing a terminal out of the office,
    please let here know, and reserve the time. If you don't know
    until that same day that you wll be needing it, we may stll
    probably be able to help, because we plan to keep the terminals
    here in the office if they're not specifiically reserved. Main

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       users of the terminals will be Phil W., Anand, Inez, Gwen, and
       Huguette, Larry has a VUcom, Phil F. works mainly in the office
       during odd-hours (by choice, or as a result of not having been
       able to get access to a portable terminal), and I'm out of luck
       any way you look at it.   1e1

1f Huguette Meade: 1f

       1f1 Huguette will be working part time for us from here home
       this summer. She is doing this as a favor to us, not because
       she needs the money, and she has let us know that she doesn't
       envision spending eight-hours a day five days a week on the
       system, Let's keep this in mind when we take it for granted
       that she'll be available to throw the stuff in for us.   1f1

Proceedings of NLS project managers meeting: July 3, 1975

(J32899) 3-JUL-75 15:25;;;;   Title: Author(s): Michael T.
Bedford/MIKE; Sub-Collections: NIC; Clerk: MIKE;

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Summary of an NLS Project Managers meeting July 3, 1975

(J32900)   3-JUL-75 15:47;;;;   Title: Author(s): Michael T.
Bedford/MIKE; Distribution: /BELL-CANADA([INFO-ONLY]) ;
Sub-Collections: NIC BELL-CANADA; Clerk: MIKE;

Sharing files

1 I found a neat way to share files. Use the Connect (to) Directory
------- (password) ---, You can both read and write, regardless of
file protection.
Also verified the Jump to Address NAME command. It works,
Have a nice weekend,   1

Sharing files

(J32901)   3-JUL-75 18:06;;;;   Title: Author(s): Leonard C.
Swanson/LCS; Distribution: /LTS([ACTION]) ; Sub-Collections: NIC;
Clerk: LCS;

Retrieve Documentation

The following is the documentation that I have developed for the
usersubsystem RETRIEVE. I would appreciate your comments, especially
those concerning accuracy, and suggestions. I have tried to keep it
simple and present it in a 'safe' way.

1 PROGRAM: RTREVE.SUBSYS...Keyword= RETRIEVE   1

2 FOR HELP OR ASSISTANCE: Glenn Sherwood ext. 2171   2

  2a Note: a introductory session is advised before attempting to
  use.   2a

3 DESCRIPTION: 3

  3a This subsystem provides the capability to filter and retrieve
  file structure (ajoining statments) in conjunction with a
  seperately compiled Content Pattern. It has the flexibility to
  reconize a specific text pattern at any level and to retrieve not
  only the statment with the text pattern (as is true of Content
  Pattern), but also all those statments above and below it within
  the same branch...In other words it provides a Structure
  filter/pattern with the Content Pattern. This structure filter is
  described to Retrieve in the form of familial relationships to the
  Target statment (scanned for Content Pattern statment). The
  syntax of the Retrieve commands provides for ranges of levels in
  the form of "from level"..."through level"...Thus, one is provided
  with the additional flexibility to specify a whole range of levels
  above and below the sought after Target statment.   3a

  3b There are functionally three stages within Retrieve and they
  should be used in the following sequence   3b

  3c 1) SETTING THE LEVEL for the Target statment scan and there is
  one instruction for this ...Set Filter Level VIEWSPEC
  (x,xb,xbb,etc.,) note how levels are expressed only with viewspecs
  x & b and their combinations. Now this will save the system from
  scanning all levels within the file for the specified text
  pattern. This should always be used since the alternative is
  costly and one should know this before using Retrieve.   3c

  3d 2) DESCRIBING THE STRUCTURE in relation to the the Target
  statment. There are four unique relationships that one can ACCEPT
  or REFUSE (ie pass or not with the target statment) and this will
  depend upon the particular Retrieve verb used. As is true of most
  of NLS, one can do the same thing several different ways, suffice
  to say the most concise structure specification is the best.   3d

    3d1 FATHERS = level(s) directly above the Target statment.   3d1

    3d2 AUNTS = levels above the Target statment, but not directly.   3d2

    3d3 BROTHERS = same level as the Target statment.   3d3

    3d4 DAUGHTERS = level(s) below the Target statment   3d4

3e 3) RETRIEVE VERBS to implement the retrieval with the above
specifications. There are three verbs COPY, MOVE, and DELETE
which use the same syntax and do the same thing as in NLS with the
important difference that they work with a Content filter and a
Structure filter.   3e

3f An example will probably best illustrate Retrieve's utility and
use...Recently the PDG application found need to filter out-dated
data from a couple of very large files. The unit of data was a
structured branch of 4 statments at 3 different levels, the lowest
level contained the dates which were to key retrieval of the
entire branch (ie current proposals 1974-75). Below is an
annotated data sample :   3f

3g (AGENCY)AB   (level "x"
FATHER-from)   3g

   3g1 (CLIENT)USACDC, FT BELVOIR, VA   (level "xb" AUNTS)
   ARMY DIRECT AERIAL FIRE SUPPORT SYSTEM MID-   3g1

   3g2 (ORG)0840   (level "xb"
   FATHER-to)
   EMANSKI J J
   71078   3g2

      3g2a (ST-DATE)05-19-71   (level "xbb" TARGET
      statment)
      06-15-71
      B   3g2a

3h As you can see from the above sample the Target statment is the
only statment at that level (xbb) and there are no statments
nested below it so we didn't have to concern ourselves with
BROTHERS and DAUGHTERS...this time. If we were to key on the org
code as the Target statment we would have a whole new family.
What follows is the Process Commands Branch that was developed to
copy only current data from PDG's files into a new file. This
will give you a more complete picture and some sense of the
sequence necessary for running Retrieve. * = comments   3h

3i (pdgfilter)   3i

   3i1 *Commands branch title   3i1

3j exec prog dele all   3j

   3j1 *Delete everything from your program buffer...(clean start) 3j1

3k set cont to   [2D '- "74" / 2D '- "75"]   3k

3k1   *Compile Content filter pattern (into your program buffer)   3k1

3l exec prog load prog rtreve,subsys;1   3l

311 *Load the Retrieve subsystem (into your program buffer)   3l1

3m crea file pdg   3m

3m1 *Create a file to copy the wanted data into   3m1

3n goto retrieve ....*Start of Retrieve Commands   3n

3n1   *Goto the retrieve subsystem   3n1

3o set filt level xbb................*Set the content filter
level   3o

3o1 *Scan only level "xbb" for the Content Pattern   3o1

3p acce fath xxb..................*Define the structure filter   3p

3p1 *Accept Fathers - (statments above the scanned level) from
"x" (top level) to "xb" (the next level down)...Since the
statment that is scanned for is at "xbb" the legitimate Father
is only level "xb" but the flexibility of the range
specification of levels allows us to pass/accept both
Grandfathers and Fathers.   3p1

3q acce aunt xbxb   3q

3q1 *Accept Aunts - all statments within the branch at the same
level as the scanned for statments' Father...his sisters, your
aunts ("xb").   3q1

3r copy plex O'Keefe, pdgdata.nls;3, 1 pdg, ...*Do it to it   3r

3r1 *Copy (retrieve verb) those branches from source file to
destination using the specified filters   3r1

3s quit ....*End of Retrieve, quiting   3s

3t upda file comp   3t

3t1 *Update File Compact newly created file with filtered data   3t1

4 This actually worked! The flexibility that Retrieve provides is
very handy, not to mention confusing, once you get the hang of it.
This subsystem is NOT supported by ARC so please address your
questions to me directly.   The intent of this document has been to

provide you enough information to determine wether you have use for
such a tool and I still suggest a quick introductory session if you
do want to use it. For those of you who want to get down to the
nitty of it....   4

5 What follows are excerpts from the source file of the Retrieve
Subsystem which show the complete repetoire of instructions.   5

```
          7c1a2c CONFIRM xrsdvs( dest, vs)                  7c1a2c

      7c1a3 / "BROTHERS"                                    7c1a3

          7c1a3a <"from level"> dest _ VIEWSPECS            7c1a3a

          7c1a3b <"to level"> vs _ VIEWSPECS                7c1a3b

          7c1a3c CONFIRM xrssvs( dest, vs)                  7c1a3c

      7c1a4 / "FATHERS"                                     7c1a4

          7c1a4a <"from level"> dest _ VIEWSPECS            7c1a4a

          7c1a4b <"to level"> vs _ VIEWSPECS                7c1a4b

          7c1a4c CONFIRM xrsfvs( dest, vs)                  7c1a4c

      7c1a5 / "AUNTS"                                       7c1a5

          7c1a5a <"from level"> dest _ VIEWSPECS            7c1a5a

          7c1a5b <"to level"> vs _ VIEWSPECS                7c1a5b

          7c1a5c CONFIRM xrsuvs( dest, vs)                  7c1a5c

      7c1a6 );                                              7c1a6

7d COMMAND %copy%                                           7d

  7d1 zrcopy =                                              7d1

    7d1a "COPY"                                             7d1a

      7d1a1 sent_NULL dent_NULL dest_NULL level_NULL
      source_NULL                                           7d1a1

      7d1a2 ( sent _ notstatement                           7d1a2

          7d1a2a rcopy1                                     7d1a2a

          7d1a2b dent _ #"STATEMENT"                        7d1a2b

          7d1a2c dest _ DSEL(dent)                          7d1a2c

          7d1a2d level _ LEVADJ                             7d1a2d

      7d1a3 )                                               7d1a3
```

```
            7d1a4 CONFIRM                                        7d1a4

            7d1a5 xrcopy(sent, source, dent, dest, level);      7d1a5

    7d2 rcopy1 =                                                 7d2

        7d2a <"from"> source _ SSEL(sent)                       7d2a

        7d2b <"to follow">;                                     7d2b

7e COMMAND %delete%                                              7e

    7e1 zrdelete =                                               7e1

        7e1a "DELETE"                                            7e1a

            7e1a1 ent _ notstatement                            7e1a1

                7e1a1a <"at"> dest _ DSEL(ent)                  7e1a1a

            7e1a2 CONFIRM                                        7e1a2

            7e1a3 xrdelete(ent, dest);                          7e1a3

7f COMMAND %move%                                                7f

    7f1 zrmove =                                                 7f1

        7f1a "MOVE"                                              7f1a

            7f1a1 sent_NULL dent_NULL dest_NULL level_NULL
            source_NULL                                         7f1a1

            7f1a2 ( sent _ notstatement                         7f1a2

                7f1a2a rcopy1                                    7f1a2a

                7f1a2b dent _ #"STATEMENT"                      7f1a2b

                7f1a2c dest _ DSEL(dent)                        7f1a2c

                7f1a2d level _ LEVADJ                           7f1a2d

            7f1a3 )                                              7f1a3

            7f1a4 CONFIRM                                        7f1a4

            7f1a5 xrmove(sent, source, dent, dest, level);      7f1a5
```

```
   7g COMMAND %refuse%                                          7g

      7g1 zrrefuse =                                            7g1

         7g1a "REFUSE"                                          7g1a

            7g1a1 ( "STATEMENT" <"that Passes Filter">          7g1a1

               7g1a1a CONFIRM xrsflp( FALSE )                   7g1a1a

            7g1a2 / "DAUGHTERS"                                 7g1a2

               7g1a2a CONFIRM xrsdvs( FALSE, FALSE)             7g1a2a

            7g1a3 / "BROTHERS"                                  7g1a3

               7g1a3a CONFIRM xrssvs( FALSE, FALSE)             7g1a3a

            7g1a4 / "FATHERS"                                   7g1a4

               7g1a4a CONFIRM xrsfvs( FALSE, FALSE)             7g1a4a

            7g1a5 / "AUNTS"                                     7g1a5

               7g1a5a CONFIRM xrsuvs( FALSE, FALSE)             7g1a5a

            7g1a6 );                                            7g1a6

   7h COMMAND %set%                                             7h

      7h1 zset =                                                7h1

         7h1a "SET"                                             7h1a

         7h1b param _ NULL   param2 _ NULL                      7h1b

         7h1c ent _ "FILTER"                                    7h1c

            7h1c1 ( param _ "TO" <"pattern">                    7h1c1

               7h1c1a param2 _ LSEL( #"CHARACTER" )             7h1c1a

               7h1c1b CONFIRM xrset( ent, param, param2 )       7h1c1b

            7h1c2 / param _ "LEVEL" <"to">                      7h1c2

               7h1c2a vs _ VIEWSPECS                            7h1c2a

               7h1c2b CONFIRM xrsvs( vs )                       7h1c2b
```

```
        7h1c3 );                                                7h1c3
  71 END,                                                          71
```

Retrieve Documentation

(J32902) 3-JUL-75 18:10;;;;   Title: Author(s): Glenn A.
Sherwood/GAS2; Distribution: /JCN([ACTION]) KEV([INFO-ONLY])
DSM([INFO-ONLY]) JMB([INFO-ONLY]) ; Sub-Collections: NIC;
Clerk: GAS2;   Origin: < SHERWOOD, RETRIEVE.NLS;1, >, 2-JUL-75
15:26 GAS2 ;;;;#####;

Non-DOD Information Resource

1 Have you ever heard of the Entelek PI Guide? It contains
information on programmed instruction packages, and is apparently
computerized. what do you know about it?   1

Non-DOD Information Resource

(J32903)   3-JUL-75 18:35;;;; Title: Author(s): Leonard C,
Swanson/LCS; Distribution: /LTS([ACTION]) ; Sub-Collections: NIC;
Clerk: LCS;

Printing Request

This is a comment. Is it a comment?

Printing Request

1 Larry,

I'm planning to make some extensive mods to the proposal this
weekend. Would you be able to print it off Monday morning?

Thanks,

Jay   1

Printing Request

(J32904) 3-JUL-75 18:53;;;; Title: Author(s): John J, (Jay)
Lowe/JJL2; Distribution: /LAC([ACTION]) ; Sub-Collections: NIC;
Clerk: PAG;

Summary Design Description of Data Entry Center Subsystem for RADC
Financial Management System

developed by JPC, FSL, and NDM

Summary Design Description of Data Entry Center Subsystem for RADC
Financial Management System

1j1 if new - insert template; else find old PR statement   1j1

1j2 if interrogate or new call all necessary fields   1j2

  1j2a if interrogate complete call additional fields   1j2a

1j3 else call single field%   1j3

1k move effort branch to TPO product   1k

1k1 move effort branch to new product   1k1

1l find   1l

1l1 set up CA filter   1l1

  1l1a check the field and reformat branch for display 1l1a

1l2 copy or print plex one of TPO filter%   1l2

1m finish   1m

1m1 get job-order-number   1m1

1m2 move effort from database and ledger into workfile   1m2

1m3 journalize work file   1m3

  1m3a author will be FMS   1m3a

1m4 enter journal number in finished list   1m4

  1m4a save contents of work file under the journal number   1m4a

1m5 cleanup work file   1m5

2 Database Format   2

2a TPO = FILE   2a

2a1 Areas: char code, title   2a1

2a1a Product: title   2a1a

   2a1a1 (J...JON) title [Being modified by XXX]
   Value: ....
   Engineer: ....
   Priority: ....

```
            Effort-start-date: ........
            Updates: ........                                    2a1a1

                2a1a1a (F...contract#) contractor
                Duration: ........
                Completion: ........
                Paid: ........
                In-progress: ........
                Unliquidated: ........                           2a1a1a

                2a1a1b (B...PR#) project#-task#    $AMOUNT
                Estimated-start-date: ........
                Initiated: ........
                Completed: ........
                Obligated: ........
                Type-of-buy: ........
                Line-number: ........
                From SOURCE to USER
                Lead-division: ........
                M1: ..... M2: ..... M3: .....                    2a1a1b
```

Summary Design Description of Data Entry Center Subsystem for RADC
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(J32905) 4-JUL-75 10:30;;;;   Title: Author(s): N. Dean Meyer/NDM;
Distribution: /FSL([INFO-ONLY]) RBP([INFO-ONLY]) DLS([
INFO-ONLY]) EJK([INFO-ONLY]) JPC([INFO-ONLY]) ELF([INFO-ONLY
]) GAS2([INFO-ONLY]) DCE([INFO-ONLY]) RWW([INFO-ONLY]) JCN(
[INFO-ONLY]) HGL([INFO-ONLY]) DSM([INFO-ONLY]) RJC([
INFO-ONLY]) ; Sub-Collections: SRI-ARC; Clerk: NDM;   Origin: <
FMS, DEC,NLS;5, >, 4-JUL-75 10:25 NDM ;;;;####;

On reconciling differing standards for decision

1 Our differences appear to be fundamental. That is, we seem to have
two different standards for decision. Your standard (correct me if
I'm wrong) is implicit in the statement: 1

   1a The organizational or life force is counter entropic, and is
   typical of organic formulations, and manifests itself as a
   perpetual persuit of the ideal state of homestasis.... Any
   perturbations are by definition minimized inasmuch as they are
   sources of dissonance and counter vital....   1a

2 My standard is to maximize capabilities. This is not counter
entropic but instead flows WITH the process of time described by the
second law of thermodynamics. My paper "Maximizing Capabilities:
towards a standard for decision"* describes the logical foundations
for this goal. We have discussed in the past a few of the rudaments
but the whole proof had not yet been completed. In this paper, I
show that in order to survive in an environment maximizing
alternatives, an alternative control process must maximize
capabilities. This is called the law of survival. Life is not
fighting entropy. It most certainly does not seek maximum order.
Homeostasis is not some ideal steady state maintaining the status
quo. It is the process by which essential variables are kept within
vital limits IN AN ENVIRONMENT MAXIMIZING ALTERNATIVES. Meaning, it
is the process by which life maximizes it's capabilities which is
certainly one definition of freedom. It is also a definition which
can easily, but should not be confused with the freedom of physics
which is measured not in capabilities but in simple alternatives.   2

3 I feel I am familiar with the anti-entropic philosophy and its
implicit standard for decision (the dissonance produced by the
explicit statement of this standard was a motivating factor in the
develpoment of capability theory) but I would like to read your
entire paper if you have a copy available.   3

4 Since our very standards for decision are at odds it will be
difficult (if not logically impossible) to come to agreement when
judgeing or measuring one another's standards since we would each use
our own standard. Also the philosophies we choose tend to reflect
our less explicit psychological tendencies. Furthermore even if we
agreed on a standard for decision, that is no guarantee we would
agree on methods of maintaining that standard. If two or more
individuals are to agree on the day to day decisions based on a
common standard for decision it is important that the standard be
explicitly stated.   4

5 Therefore, I think that our differing standards for decision and
their logical bases should be explicitly stated so that they can be
examined on their own terms, so their differences can be discovered

On reconciling differing standards for decision

and reconciled, and in order to facilitate the measurement of
decisions based on them.   5

6 I don't feel that the standard implicit in your quote has been
explicitly stated because if it were, that which it would maximize,
the ultimate state towards which it leads, would not be acceptable to
you as a standard for decision.   6

7 I have explicitly stated my standard for decision in   7

8 * "Maximizing Capabilities: towards a standard for decision"
<kelley, capabilics,>   8

On reconciling differing standards for decision

(J32906)   4-JUL-75 17:12;;;;   Title: Author(s): Kirk E. Kelley/KIRK;
Distribution: /JHB([INFO-ONLY]) ; Sub-Collections: SRI-ARC; Clerk:
KIRK;

Monitoring Feedback

1 In relation to your statement "all systems that do not adequately
monitor feedback are eliminated from existance", do you get the
impression that the top-down hierarchical management under which ARC
has come to function replacing the old "bootstrapping" method of
feedback from the users directly to the developers so that there is
now essentially no real feedback in the form of a closed loop and in
fact wide organizational and psychological gulfs between the users
and the developers and between the developers and the de-buggers in
the form of   1

   1a 1) no user feedback regularly reaching developers or
   de-buggers.   1a

   1b 2) no resources for developers to "sharpen their own tools"   1b

   1c 3) two ever growing, splitting, separately evolving systems
   both in the realm of AKW vs NSW and also in the important concept
   formulation area of documentation;   1c

2 is threatening the survival of ARC? I do.   2

Monitoring Feedback

(J32907)   4-JUL-75 17:13;;;;   Title: Author(s): Kirk E. Kelley/KIRK;
Distribution: /JHB([INFO-ONLY]) ; Sub-Collections: SRI-ARC; Clerk:
KIRK;

1   Mark Krilanovich   1

2   Official Change in Host-Host Protocol   2

3 This is an official change to the Host to Host
protocol, this document should be filed with the
protocol specification (nic -- 8246,) in the Current
Network Protocols Notebook (nic -- 7104,).   3

   3a   -- Jon Postel   3a

4 This document corrects an ambiguity in the current
host-host protocol, concerning the ERR command.
Paragraph "f", page 35, of NIC 8246 defines the
meaning of an ERR command with error code of 5 to be
"socket (link) not connected". The error code is
stated to apply to two cases, one in which a control
command other than STR or RTS refers to a socket that
is neither fully open nor fully closed, and the other
in which a (non-control) message arrives over a link
not being used for a connection.   4

5 The difficulty arises from the fact that the
contents of the "data" field of the ERR command has
distinctly different formats in the two cases. In the
first, it is a host-host command, and in the second it
is a message header. There is no reliable way for the
code in the NCP receiving the ERR command (or a human
reviewing an error log) to distinguish between the two
cases, and therefore fullest use cannot be made of the
ERR command.   5

6 The two cases are now defined to have different
error codes. In addition, a new error code is
defined, meaning "invalid host leader received".
Therefore, paragraph "f" under "ERR - Error detected"
is now replaced by the following: 6

7 f. Request on a non-open socket (Error code = 5)   7

1

7a A request other than an STR or RTS was made for
a socket (perhaps referenced by link number) that
is not party to an fully established connection.
The socket's inappropriate state could either be
that only one RFC has been sent (not yet open) or
that only one CLS has been sent (not yet closed).
The "data" field contains the command in error; the
value of any fill necessary is zeros.   7a

8 g. Message on an unknown link (Error code = 6)   8

8a A message was received over a user link which is
not currently being used for any connection. The
contents of the "data" field are the message header
followed by the first eight bits of text, if any,
or zeros.   8a

9 h. Invalid host header (Error code = 7)   9

9a A message was received either over the control
link or a valid user link that had a host header
with invalid format. Examples of when this subtype
would be appropriate are the following: the M1 or
M2 fields were non-zero, the byte size was invalid
(not 8 for a control link, zero for any link), or
the declared length (byte size times byte count)
exceeded the actual length. The contents of the
"data" field is the message header padded with
eight bits of zeros.   9a

10 --------   10

(J32908) 5-JUL-75 15:38;;;;   Title: Author(s): Mark C.
Krilanovich/MCK; Sub-Collections: NWG NIC; RFC# 695; Clerk: JAKE;
Origin: < NETINFO, MARK,NLS;2, >, 5-JUL-75 15:32 JAKE ;;;;####;

David A. Potter
Educational Testing Service
Rosedale Road
Princeton, New Jersey 08540

To:
    Master Copy

                                        32909e done about a

splits the subject block like this.

ETSMEMO fcible

                    Memorandum for: MR. BRODSKY

                            cc: Mr. Anastasio
                                 Mr. Walton

Subject: Date: 13 JUL 75
          OFFICE-1   From: David A, Potter

    Enclosed for your information is a copy of volume I of the
two-volume report which Wes Walton and his team put together for
HEW. The body of the report was prepared through use of NLS at
OFFICE-1, the system which we discussed in our meeting last
Wednesday; it was typed on an Anderson-Jacobsen 830 terminal, the
model we're buying.

    Thanks for your attention to and approval of our use of this
system. Those of us who have been using it believe it to be a
valuable tool; although we could certainly get our work done
without it, we believe that it provides meaningful increases in
efficiency and productivity. System use over the next six months
should enable us to evaluate this belief more fully.

David A. Potter
Educational Testing Service
Rosedale Road
Princeton, New Jersey 08540

To:
Access Copy

32910back to all of
discuss nasty things like terminals (which are not free...).

Memorandum for: MR. ANASTASIO
                  MR. BRODSKY
                  MR. BURNS
                  MR. CHILDRESS
                  MR. TCHORNI

           cc: Mr. Bianchini

Subject: NLS at ETS   Date: 13 JUL 75
                                        From: David A. Potter

    Use of NLS at ETS grew initially out of access to the system
provided as a part of a research contract with ARPA (Advanced
Research Projects Agency), an arm of the Department of Defense.
Brian McNally, a research assistant on the ARPA Project, was the
first active ETS user; all of his NLS work revolved around the ARPA
Project.

    In addition to ARPA use, David Potter in October, 1974 began
to use the system as a support tool for project and
proposal-related document production and control. His use of the
system grew until by January of this year he was using the system
for virtually all of his clerical support, and had gained
sufficient expertise in its use to assume the role of system
Architect at ETS. As the Architect, he began to build a group of
other ETS users and to develop system applications that would allow
ETS to fully exploit the system's capabilities.

    Full support of the system came from ARPA for the first six
months of the current fiscal year. In January of this year, an
agreement was reached whereby ARPA and ETS would share the costs,
resulting in a 50-50 split for the remaining six months of the
current fiscal year (ARPA $10,000; ETS $10,000). Discussions with
ARPA are underway to determine the feasibility and desirability of
continuing this arrangement through the next fiscal year;
regardless of the outcome of these discussions, however, the use of
NLS at ETS has grown to a level at which even full ETS support
would seem desirable and could be justified on a cost-effectiveness
basis.

Paying for NLS

Use of the system has varied from one cost center to another.
New users joining the group since February have inlcuded Wes Walton
(3101), Dick Fortna (3311), Len Swanson (2101), Lorraine Sinnott
(Educom -- ARPA), and Abi Harris (6500), Other users will be added
shortly; for example, Ann Smith (1611) plans to begin using the
system for the maintenance and production of proposal boilerplate
information, and Helen Weidenmiller (1611) will explore the use of
NLS to produce and update TIPS. In addition, staff members in
other cost centers would like to use the system in various
exploratory ways, and will be helped to do so as space on the
system permits.

In a meeting on July 2, Mr. Brodsky and Mr. Tchorni agreed that
ETS should continue to support the availability of NLS as a working
tool for the next six months on an exploratory basis. This means,
of course, that the user group cannot be allowed to grow far beyond
its present limits; to allow system access to many more people
would be to deny effective use to all. The composition of the user
group, however, allows system costs to be spread across several
cost centers, allowing each one to gain the experience with the
system necessary to evaluate it effectively at a relatively low
cost (approximately $4000 per cost center).

Total cost of OFFICE-1 for the period from July 17 through
January 17, 1976, is $20,000. Mr. Anastasio and I have attempted
to allocate these costs across cost centers in proportion to
anticipated use of the system by their respective staff members;
the resultant breakdown of costs follows:

Mr. Anastasio	$8000
Mr. Brodsky	$3000
Mr. Burns	$2000
Mr. Childress	$4000
Mr. Tchorni	$3000

These cost allocations are of course open to discussion. They
do, however, represent our best guess as to how system use is
likely to be distributed; revisions, therefore, should be made on
the basis of changes in system use by staff members in specific
cost centers.

3

I would be happy to anser any questions you might have
regarding these costs or the system itself.

note on Bell Canada planning activities, with request for copy of NLS
User's Guide.

1 Mil, I'd be very interesting in seeing a copy of your
hot-off-the-press "TNLS User's Guide". NLS training has been a big
stumbling block for us here. We haven't been able to devote as many
person-months to training our users as we would have liked, and a
number of them have expressed an interest in the sort of manual you
have described. I would appreciate a pre-publshing copy if you could
spare one.   1

2 I think that your references to the work you were hoping to embark
on touches a lot of the things we would like to be doing here, but
for which we lack the technical capability. (We also lack the
corporate mandate to explore things like that, but this hasn't
presented with insurmountable obstacles in the past.)   2

3 Right now we're developing wat we call a Futures Information System
- an information retrieval system based on NLS's content analyzer
filters and on L10's CML interactive procedures. We've received very
little support from the ARC folks to date on this; I think they're
strapped for resources (people-power) to provide us with much of the
L10 help we'd need. Consequently, we've developed our own L10
capability, and we're on the road toward designing the retrieval
system which will let any novice user access the computer, sign-on,
and be put in touch with the interactive program which will ask for
search parameters (author, title words, keywords, and text searches).
The source material is a group of abstracts of the futures
information material which we've be accumulating for years.   3

4 Prompted by your mention of the possibility of putting automated
management information systems on-line for use interactively, I'm
reminded of a group called Memo-from-Turner, located in Ottawa,
Ontario, and headed by Bert Liffman. They are a group of software
consultants who wrote a computer conferencing package for I.P.
Sharpe, the providers of APL+ in Canada. The conferencing part of
their package is based on Murray Turoff's original work, only its a
little more clumsy, since they were constrained by APL+; A novel
feature of the whole package, however, is the inclusion of a
cross-impact model and a linear programming model, both of which can
be configured by the users in a particular conference. This
capability would permit a number of geographically remote "conferees"
to interact with the model in a dynamic fashion, first developng the
model, and then monitoring it or running it, or whatever one does
with models of this kind. (I'm not on very sure ground here.) I
thought there might be some common experiences you may be able to
draw from, or at least take note of.   4

5 The other work that this group (Business Planning Group at Bell
Canada) is involved in is much "softer". There are eight of us,
reporting to Larry Day. Major projects underway now include an

note on Bell Canada planning activities, with request for copy of NLS
User's Guide.

evaluation of our participation in NLS (Gwen Edwards: mailbox
<gedwards>, analysis of the substitution/supplementation effects
surrounding travel and communications (on an inter- and intra-city
basis) (Jim Kollen), a technology assessment of the "wired city"
services (remote banking, shopping, home info. ret'l., remote
centers, etc.) (me), and on-and-on. The reason I've been so busy
lately is that we're also into the consulting business on a
commercial basis, and I've been working with P.S. Ross & Partners,
helping them develop a questionnaire on impacts of new technologies
on wood-use in Canada's residential construction industry (You're
right, I don't know anything about wood, and could care less; I'm in
it because of some work I've done on alternatives to the Delphi
method of technological forecasting (modifying it for use in
technology assessment work).   5

6 It was good to hear from you. I'm looking forward to your user's
guide, and will keep in touch on relvant issues.   6

note on Bell Canada planning activities, with request for copy of NLS
User's Guide.

(J32913) 7-JUL-75 08:30;;;;   Title: Author(s): Michael T.
Bedford/MIKE; Distribution: /MEJ([ACTION]) IMM([INFO-ONLY]) ;
Sub-Collections: NIC; Clerk: MIKE;

1 To: Dave Potter   1

2 Organization: ETS   2

3 MONTHLY USE REPORT FOR OFFICE-1 - June 1975   3

4 INTRODUCTION   4

    4a This report describes use of Office-1 from June 1 through June
    28, 1975.
                                                                          4a

    4b The first list contained below <6> describes how each user in
    your organization used Office-1 during the reporting period.
                                                                          4b

    4c The second list contained below <7> describes how Office-1 was
    used during the reporting period, on a week-by-week basis.
                                                                          4c

    4d The third list contained below <8> describes how each
    organization used Office-1 during the reporting period.
                                                                          4d

    4e Three statistics are reported: CPU hours, connect hours, and
    the ratio of CPU to connect hours. The ratio is a good index of a
    user's rate of resource consumption while logged on.   4e

5 NEWS   5

    5a   As noted in the last monthly report, there are incorrect
    data for one week of the reporting period. This is the week
    ending June 14. The problem is that Tymshare has been having a
    hard time recovering from large systems crashes. Hopefully this
    problem is fixed now.   5a

    5b   Incorrect data are marked with an asterisk (*) after the
    date, in each statement where incorrect data appear.   5b

1

6 ETS'S USE OF OFFICE-1 IN REPORTING PERIOD   6

6a		Week	CPU	Connect	CPU/	6a
6b		Ending	(hrs)	(hrs)	Connect	6b
6c ETS 7-JUN-75 thru 28-JUN-75			3.53	192.74	1.83%	6c
6c1 ETS (340)		28-JUN-75	.72	43.06	1.66%	6c1
6c1a FORTNA		28-JUN-75	.01	.31	3.81%	6c1a
6c1b POTTER		28-JUN-75	.33	18.08	1.83%	6c1b
6c1c SINNOTT		28-JUN-75	.21	20.73	1.04%	6c1c
6c1d WALTON		28-JUN-75	.16	3.95	4.01%	6c1d
6c2 ETS (340)		21-JUN-75	.85	41.88	2.04%	6c2
6c2a ANASTASIO		21-JUN-75	.35	18.21	1.92%	6c2a
6c2b FORTNA		21-JUN-75	.03	1.80	1.93%	6c2b
6c2c MCNALLY		21-JUN-75	.01	.33	1.67%	6c2c
6c2d POTTER		21-JUN-75	.17	5.30	3.22%	6c2d
6c2e RUMAR		21-JUN-75	.00	.15	2.09%	6c2e
6c2f SINNOTT		21-JUN-75	.10	8.13	1.26%	6c2f
6c2g WALTON		21-JUN-75	.19	7.96	2.35%	6c2g
6c3 ETS (340)		14-JUN-75*	.63	36.27	1.74%	6c3
6c3a ANASTASIO		14-JUN-75*	.24	13.57	1.74%	6c3a
6c3b POTTER		14-JUN-75*	.16	10.02	1.57%	6c3b
6c3c SWANSON		14-JUN-75*	.24	12.68	1.89%	6c3c
6c4 ETS (340)		7-JUN-75	1.33	71.53	1.85%	6c4
6c4a ANASTASIO		7-JUN-75	.04	1.57	2.78%	6c4a
6c4b POTTER		7-JUN-75	.50	20.58	2.44%	6c4b

6c4c SINNOTT	7-JUN-75	.11	16.90	.68%	6c4c
6c4d SWANSON	7-JUN-75	.13	5.19	2.46%	6c4d
6c4e WALTON	7-JUN-75	.54	27.30	1.97%	6c4e

ETS's use of Office-1 in June 1975

7 USE OF OFFICE-1, BY WEEK					7
7a		Week	CPU	Connect	CPU/	7a
7b		Ending	(hrs)	(hrs)	Connect	7b
7c Week ending	28-JUN-75	30.63	1304.59	2.35%	7c
7c1 SYSTEM (10)	28-JUN-75	2.35	105.53	2.23%	7c1
7c2 TYMSHARE (20)	28-JUN-75	1.46	166.72	.88%	7c2
7c3 ARC-UTIL (30)	28-JUN-75	4.64	144.30	3.22%	7c3
7c4 NSRDC (200)	28-JUN-75	.78	35.17	2.21%	7c4
7c5 HUDSON (320)	28-JUN-75	.00	.05	4.89%	7c5
7c6 ETS (340)	28-JUN-75	.72	43.06	1.66%	7c6
7c7 ARC-APP (360)	28-JUN-75	4.81	157.85	3.05%	7c7
7c8 ARC-MGT (380)	28-JUN-75	1.10	37.22	2.95%	7c8
7c9 RADC (400)	28-JUN-75	4.42	166.31	2.66%	7c9
7c10 BELL (500)	28-JUN-75	1.50	86.14	1.74%	7c10
7c11 BRL (600)	28-JUN-75	1.14	47.77	2.38%	7c11
7c12 SRI (700)	28-JUN-75	1.07	30.03	3.57%	7c12
7c13 ARPA (800)	28-JUN-75	.39	23.16	1.68%	7c13
7c14 MIT-SEISMIC (820)	28-JUN-75	1.08	44.60	2.41%	7c14
7c15 NICGUEST (840)	28-JUN-75	.07	3.17	2.10%	7c15
7c16 ARPA-NSW (880)	28-JUN-75	3.91	168.92	2.31%	7c16
7c17 NSA (900)	28-JUN-75	.92	33.18	2.77%	7c17
7d Week ending	21-JUN-75	43.36	1651.26	2.63%	7d
7d1 ACCOUNT (1)	21-JUN-75	.18	100.31	.18%	7d1
7d2 SYSTEM (10)	21-JUN-75	1.92	112.05	1.72%	7d2
7d3 TYMSHARE (20)	21-JUN-75	1.90	239.32	.79%	7d3

7d4 ARC-UTIL (30)	21-JUN-75	11.63	220.56	5.27%	7d4
7d5 CONSULTANTS (90)	21-JUN-75	.00	.03	3.20%	7d5
7d6 NSRDC (200)	21-JUN-75	1.27	44.77	2.85%	7d6
7d7 HUDSON (320)	21-JUN-75	.01	.24	3.96%	7d7
7d8 ETS (340)	21-JUN-75	.85	41.88	2.04%	7d8
7d9 ARC-APP (360)	21-JUN-75	1.79	31.21	5.72%	7d9
7d10 ARC-MGT (380)	21-JUN-75	.69	18.45	3.75%	7d10
7d11 RADC (400)	21-JUN-75	4.33	145.63	2.97%	7d11
7d12 BELL (500)	21-JUN-75	1.76	79.82	2.21%	7d12
7d13 BRL (600)	21-JUN-75	.89	35.35	2.51%	7d13
7d14 SRI (700)	21-JUN-75	1.75	45.61	3.85%	7d14
7d15 ARPA (800)	21-JUN-75	.85	51.13	1.67%	7d15
7d16 MIT-SEISMIC (820)	21-JUN-75	.79	53.49	1.48%	7d16
7d17 NICGUEST (840)	21-JUN-75	.05	3.53	1.42%	7d17
7d18 ARPA-NSW (880)	21-JUN-75	3.55	156.72	2.27%	7d18
7d19 NSA (900)	21-JUN-75	2.66	105.63	2.52%	7d19
7d20 ACCOUNT (220100)	21-JUN-75	6.09	147.91	4.12%	7d20
7e Week ending	14-JUN-75*	16.08	719.39	2.23%	7e
7e1 SYSTEM (10)	14-JUN-75*	.69	33.71	2.04%	7e1
7e2 TYMSHARE (20)	14-JUN-75*	1.06	111.54	.95%	7e2
7e3 ARC-UTIL (30)	14-JUN-75*	2.86	82.95	3.45%	7e3
7e4 CONSULTANTS (90)	14-JUN-75*	.01	.48	2.16%	7e4
7e5 NSRDC (200)	14-JUN-75*	.80	35.63	2.25%	7e5
7e6 HUDSON (320)	14-JUN-75*	.01	.87	1.11%	7e6
7e7 ETS (340)	14-JUN-75*	.63	36.27	1.74%	7e7

ETS's use of Office-1 in June 1975

7e8 ARC-APP (360)	14-JUN-75*	1.18	18.51	6.35%	7e8
7e9 ARC-MGT (380)	14-JUN-75*	.36	12.88	2.81%	7e9
7e10 RADC (400)	14-JUN-75*	1.56	70.90	2.21%	7e10
7e11 BELL (500)	14-JUN-75*	.50	24.60	2.04%	7e11
7e12 BRL (600)	14-JUN-75*	.43	33.47	1.30%	7e12
7e13 SRI (700)	14-JUN-75*	1.11	31.49	3.52%	7e13
7e14 ARPA (800)	14-JUN-75*	.38	25.82	1.47%	7e14
7e15 MIT-SEISMIC (820)	14-JUN-75*	.54	19.11	2.81%	7e15
7e16 NICGUEST (840)	14-JUN-75*	.02	1.23	1.45%	7e16
7e17 ARPA-NSW (880)	14-JUN-75*	1.43	70.99	2.01%	7e17
7e18 NSA (900)	14-JUN-75*	1.10	48.33	2.28%	7e18
7e19 ACCOUNT (220100)	14-JUN-75*	1.26	51.17	2.47%	7e19
7f Week ending	7-JUN-75	55.17	1719.89	3.21%	7f
7f1 SYSTEM (10)	7-JUN-75	16.65	288.18	5.78%	7f1
7f2 TYMSHARE (20)	7-JUN-75	1.64	283.60	.58%	7f2
7f3 ARC-UTIL (30)	7-JUN-75	12.09	292.33	4.13%	7f3
7f4 ACCOUNT (70)	7-JUN-75	.00	.10	2.93%	7f4
7f5 NSRDC (200)	7-JUN-75	1.94	59.09	3.28%	7f5
7f6 HUDSON (320)	7-JUN-75	.01	.32	3.02%	7f6
7f7 ETS (340)	7-JUN-75	1.33	71.53	1.85%	7f7
7f8 ARC-APP (360)	7-JUN-75	1.88	36.39	5.16%	7f8
7f9 ARC-MGT (380)	7-JUN-75	.73	16.40	4.47%	7f9
7f10 RADC (400)	7-JUN-75	4.97	175.14	2.84%	7f10
7f11 BELL (500)	7-JUN-75	1.66	66.25	2.50%	7f11
7f12 BRL (600)	7-JUN-75	1.00	49.17	2.03%	7f12

ETS's use of Office-1 in June 1975

7f13 SRI (700)	7-JUN-75	3.53	43.73	8.07%	7f13
7f14 ARPA (800)	7-JUN-75	.76	43.78	1.74%	7f14
7f15 MIT-SEISMIC (820)	7-JUN-75	1.29	34.36	3.75%	7f15
7f16 NICGUEST (840)	7-JUN-75	.13	5.10	2.61%	7f16
7f17 ARPA-NSW (880)	7-JUN-75	3.53	165.79	2.13%	7f17
7f18 NSA (900)	7-JUN-75	2.03	88.63	2.30%	7f18
7g Week ending	31-MAY-75	34.27	1313.48	2.61%	7g
7g1 SYSTEM (10)	31-MAY-75	4.92	274.48	1.79%	7g1
7g2 TYMSHARE (20)	31-MAY-75	1.46	214.36	.68%	7g2
7g3 ARC-UTIL (30)	31-MAY-75	9.05	127.98	7.07%	7g3
7g4 NSRDC (200)	31-MAY-75	1.88	58.48	3.22%	7g4
7g5 HUDSON (320)	31-MAY-75	.05	2.57	1.99%	7g5
7g6 ETS (340)	31-MAY-75	.93	43.19	2.16%	7g6
7g7 A_RC-APP (360)	31-MAY-75	1.11	20.31	5.45%	7g7
7g8 ACCOUNT (363)	31-MAY-75	.01	.18	3.35%	7g8
7g9 ARC-MGT (380)	31-MAY-75	.50	17.86	2.81%	7g9
7g10 RADC (400)	31-MAY-75	3.02	104.31	2.89%	7g10
7g11 BELL (500)	31-MAY-75	2.19	81.77	2.67%	7g11
7g12 BRL (600)	31-MAY-75	1.17	51.53	2.28%	7g12
7g13 SRI (700)	31-MAY-75	2.61	57.92	4.51%	7g13
7g14 ARPA (800)	31-MAY-75	.80	38.38	2.08%	7g14
7g15 MIT-SEISMIC (820)	31-MAY-75	.38	22.05	1.75%	7g15
7g16 NICGUEST (840)	31-MAY-75	.10	2.92	3.29%	7g16
7g17 ARPA-NSW (880)	31-MAY-75	2.27	105.20	2.16%	7g17
7g18 NSA (900)	31-MAY-75	1.82	89.99	2.03%	7g18

ETS's use of Office-1 in June 1975

7h Week ending	24-MAY-75	35.54	1349.22	2.63%	7h
7h1 SYSTEM (10)	24-MAY-75	4.97	265.38	1.87%	7h1
7h2 TYMSHARE (20)	24-MAY-75	2.23	224.68	.99%	7h2
7h3 ARC-UTIL (30)	24-MAY-75	9.49	146.47	6.48%	7h3
7h4 CONSULTANTS (90)	24-MAY-75	.00	.14	2.11%	7h4
7h5 NSRDC (200)	24-MAY-75	2.22	65.85	3.38%	7h5
7h6 HUDSON (320)	24-MAY-75	.11	2.81	3.90%	7h6
7h7 ETS (340)	24-MAY-75	.99	41.36	2.38%	7h7
7h8 ARC-APP (360)	24-MAY-75	.91	22.44	4.06%	7h8
7h9 ARC-MGT (380)	24-MAY-75	.31	11.32	2.74%	7h9
7h10 RADC (400)	24-MAY-75	3.89	116.08	3.35%	7h10
7h11 BELL (500)	24-MAY-75	2.35	90.48	2.60%	7h11
7h12 BRL (600)	24-MAY-75	.88	34.39	2.57%	7h12
7h13 SRI (700)	24-MAY-75	1.54	44.12	3.49%	7h13
7h14 ARPA (800)	24-MAY-75	1.44	58.39	2.47%	7h14
7h15 MIT-SEISMIC (820)	24-MAY-75	1.24	39.98	3.10%	7h15
7h16 NICGUEST (840)	24-MAY-75	.21	5.04	4.26%	7h16
7h17 ARPA-NSW (880)	24-MAY-75	1.01	54.00	1.87%	7h17
7h18 NSA (900)	24-MAY-75	.99	44.92	2.20%	7h18
7h19 ACCOUNT (220100)	24-MAY-75	.76	81.37	.94%	7h19
7i Week ending	17-MAY-75	38.33	1552.20	2.47%	7i
7i1 SYSTEM (10)	17-MAY-75	6.28	345.50	1.82%	7i1
7i2 TYMSHARE (20)	17-MAY-75	2.23	241.55	.92%	7i2
7i3 ARC-UTIL (30)	17-MAY-75	8.94	180.04	4.97%	7i3
7i4 CONSULTANTS (90)	17-MAY-75	.01	.51	1.47%	7i4

8

ETS's use of Office-1 in June 1975

7i5 NSRDC (200)	17-MAY-75	3.38	99.16	3.41%	7i5
7i6 HUDSON (320)	17-MAY-75	.07	3.90	1.87%	7i6
7i7 ETS (340)	17-MAY-75	1.12	50.60	2.21%	7i7
7i8 ARC-APP (360)	17-MAY-75	1.32	33.94	3.88%	7i8
7i9 ARC-MGT (380)	17-MAY-75	.62	19.58	3.16%	7i9
7i10 RADC (400)	17-MAY-75	3.95	128.74	3.07%	7i10
7i11 BELL (500)	17-MAY-75	1.18	44.93	2.62%	7i11
7i12 BRL (600)	17-MAY-75	1.00	46.86	2.14%	7i12
7i13 SRI (700)	17-MAY-75	1.67	52.10	3.21%	7i13
7i14 ARPA (800)	17-MAY-75	.83	52.07	1.59%	7i14
7i15 MIT-SEISMIC (820)	17-MAY-75	1.32	45.03	2.94%	7i15
7i16 NICGUEST (840)	17-MAY-75	.24	6.52	3.62%	7i16
7i17 ARPA-NSW (880)	17-MAY-75	2.81	139.37	2.02%	7i17
7i18 NSA (900)	17-MAY-75	1.36	61.80	2.20%	7i18
7j Week ending	10-MAY-75	30.96	1429.36	2.17%	7j
7j1 SYSTEM (10)	10-MAY-75	4.67	379.69	1.23%	7j1
7j2 TYMSHARE (20)	10-MAY-75	1.56	147.50	1.06%	7j2
7j3 ARC-UTIL (30)	10-MAY-75	5.65	167.72	3.37%	7j3
7j4 CONSULTANTS (90)	10-MAY-75	.03	.58	4.98%	7j4
7j5 NSRDC (200)	10-MAY-75	4.00	106.32	3.76%	7j5
7j6 HUDSON (320)	10-MAY-75	.08	2.91	2.70%	7j6
7j7 ETS (340)	10-MAY-75	1.16	51.13	2.26%	7j7
7j8 ARC-APP (360)	10-MAY-75	1.01	25.81	3.92%	7j8
7j9 ARC-MGT (380)	10-MAY-75	.75	19.04	3.94%	7j9
7j10 RADC (400)	10-MAY-75	2.72	87.63	3.10%	7j10

ETS's use of Office-1 in June 1975

7j11 BELL (500)	10-MAY-75	1,45	71,67	2,02%	7j11
7j12 BRL (600)	10-MAY-75	1,16	61,46	1,89%	7j12
7j13 SRI (700)	10-MAY-75	1,78	52,69	3,38%	7j13
7j14 ARPA (800)	10-MAY-75	.62	41,78	1,48%	7j14
7j15 MIT-SEISMIC (820)	10-MAY-75	.85	34,17	2,50%	7j15
7j16 NICGUEST (840)	10-MAY-75	.17	4,69	3,66%	7j16
7j17 ARPA-NSW (880)	10-MAY-75	2,11	126,76	1,66%	7j17
7j18 NSA (900)	10-MAY-75	1,19	47,81	2,48%	7j18
7k week ending	3-MAY-75	31,64	1698,65	1,86%	7k
7k1 SYSTEM (10)	3-MAY-75	5,65	519,52	1,09%	7k1
7k2 TYMSHARE (20)	3-MAY-75	1,47	243,89	.60%	7k2
7k3 ARC-UTIL (30)	3-MAY-75	3,34	130,16	2,56%	7k3
7k4 CONSULTANTS (90)	3-MAY-75	.03	1,81	1,60%	7k4
7k5 NSRDC (200)	3-MAY-75	3,30	93,43	3,53%	7k5
7k6 HUDSON (320)	3-MAY-75	.16	4,60	3,55%	7k6
7k7 ETS (340)	3-MAY-75	.93	45,07	2,06%	7k7
7k8 ARC-APP (360)	3-MAY-75	2,06	45,46	4,54%	7k8
7k9 ARC-MGT (380)	3-MAY-75	.69	18,36	3,74%	7k9
7k10 RADC (400)	3-MAY-75	4,04	154,84	2,61%	7k10
7k11 BELL (500)	3-MAY-75	1,98	57,18	3,47%	7k11
7k12 BRL (600)	3-MAY-75	1,60	68,61	2,34%	7k12
7k13 SRI (700)	3-MAY-75	1,67	45,67	3,66%	7k13
7k14 ARPA (800)	3-MAY-75	.87	56,07	1,55%	7k14
7k15 MIT-SEISMIC (820)	3-MAY-75	.66	39,81	1,65%	7k15
7k16 NICGUEST (840)	3-MAY-75	.13	3,57	3,61%	7k16

ETS's use of Office-1 in June 1975

7k17 ARPA-NSW (880)	3-MAY-75	1.99	124.38	1.60%	7k17
7k18 NSA (900)	3-MAY-75	1.07	46.22	2.31%	7k18
71 Week ending	26-APR-75*	13.08	620.52	2.11%	71
711 ACCOUNT (1)	26-APR-75*	1.25	119.20	1.05%	711
712 TYMSHARE (20)	26-APR-75*	1.21	119.65	1.01%	712
713 ARC-UTIL (30)	26-APR-75*	2.70	89.42	3.02%	713
714 CONSULTANTS (90)	26-APR-75*	.02	1.32	1.41%	714
715 NSRDC (200)	26-APR-75*	.72	24.90	2.90%	715
716 HUDSON (320)	26-APR-75*	.10	3.30	2.98%	716
717 ETS (340)	26-APR-75*	.32	14.53	2.19%	717
718 ARC-APP (360)	26-APR-75*	1.12	12.06	9.31%	718
719 ARC-MGT (380)	26-APR-75*	.21	11.91	1.79%	719
7110 RADC (400)	26-APR-75*	2.36	72.88	3.24%	7110
7111 BELL (500)	26-APR-75*	.51	27.75*	1.85%	7111
7112 BRL (600)	26-APR-75*	.52	25.77	2.02%	7112
7113 SRI (700)	26-APR-75*	.80	25.28	3.16%	7113
7114 ARPA (800)	26-APR-75*	.32	17.16	1.86%	7114
7115 MIT-SEISMIC (820)	26-APR-75*	.18	12.05	1.50%	7115
7116 NICGUEST (840)	26-APR-75*	.01	.80	1.76%	7116
7117 ARPA-NSW (880)	26-APR-75*	.43	30.48	1.41%	7117
7118 NSA (900)	26-APR-75*	.23	9.64	2.36%	7118
7m Week ending	19-APR-75	38.52	1719.47	2.24%	7m
7m1 ACCOUNT (1)	19-APR-75	5.04	507.06	.99%	7m1
7m2 TYMSHARE (20)	19-APR-75	8.47	262.96	3.22%	7m2
7m3 ARC-UTIL (30)	19-APR-75	5.51	173.97	3.17%	7m3

ETS's use of Office-1 in June 1975

7m4 CONSULTANTS (90)	19-APR-75	.01	.83	1.28%	7m4
7m5 NSRDC (200)	19-APR-75	2.84	67.18	4.23%	7m5
7m6 HUDSON (320)	19-APR-75	.28	29.50	.94%	7m6
7m7 ETS (340)	19-APR-75	.62	29.87	2.09%	7m7
7m8 ARC-APP (360)	19-APR-75	1.09	22.12	4.92%	7m8
7m9 ARC-MGT (380)	19-APR-75	.35	13.81	2.52%	7m9
7m10 RADC (400)	19-APR-75	3.84	135.16	2.84%	7m10
7m11 BELL (500)	19-APR-75	1.78	64.57	2.76%	7m11
7m12 BRL (600)	19-APR-75	.87	47.01	1.85%	7m12
7m13 SRI (700)	19-APR-75	1.73	67.33	2.57%	7m13
7m14 ARPA (800)	19-APR-75	1.11	65.11	1.70%	7m14
7m15 MIT-SEISMIC (820)	19-APR-75	.60	21.06	2.85%	7m15
7m16 NICGUEST (840)	19-APR-75	.11	4.65	2.29%	7m16
7m17 ARPA-NSW (880)	19-APR-75	2.90	170.86	1.70%	7m17
7m18 NSA (900)	19-APR-75	1.37	36.42	3.77%	7m18
7n Week ending	12-APR-75	27.84	1276.17	2.18%	7n
7n1 SYSTEM (10)	12-APR-75	5.80	396.17	1.46%	7n1
7n2 TYMSHARE (20)	12-APR-75	5.12	197.53	2.59%	7n2
7n3 ARC-UTIL (30)	12-APR-75	3.41	116.46	2.93%	7n3
7n4 CONSULTANTS (90)	12-APR-75	.01	2.44	.43%	7n4
7n5 NSRDC (200)	12-APR-75	1.30	47.49	2.74%	7n5
7n6 HUDSON (320)	12-APR-75	.36	14.75	2.47%	7n6
7n7 ETS (340)	12-APR-75	.60	25.63	2.35%	7n7
7n8 ARC-APP (360)	12-APR-75	1.02	24.58	4.14%	7n8
7n9 ARC-MGT (380)	12-APR-75	.42	18.79	2.22%	7n9

ETS's use of Office-1 in June 1975

7n10 RADC (400)	12-APR-75	2.77	96.45	2.87%	7n10
7n11 BELL (500)	12-APR-75	1.28	59.27	2.16%	7n11
7n12 BRL (600)	12-APR-75	.97	50.15	1.93%	7n12
7n13 SRI (700)	12-APR-75	1.10	41.18	2.67%	7n13
7n14 ARPA (800)	12-APR-75	.32	20.92	1.53%	7n14
7n15 MIT-SEISMIC (820)	12-APR-75	.66	23.93	2.77%	7n15
7n16 NICGUEST (840)	12-APR-75	.16	6.49	2.49%	7n16
7n17 ARPA-NSW (880)	12-APR-75	1.69	93.99	1.80%	7n17
7n18 NSA (900)	12-APR-75	.85	39.95	2.12%	7n18
7o week ending	5-APR-75*	9.32	464.16	2.01%	7o
7o1 ACCOUNT (1)	5-APR-75*	3.93	208.72	1.88%	7o1
7o2 TYMSHARE (20)	5-APR-75*	.57	57.61	1.00%	7o2
7o3 ARC-UTIL (30)	5-APR-75*	.92	30.80	2.99%	7o3
7o4 NSRDC (200)	5-APR-75*	.51	21.51	2.36%	7o4
7o5 HUDSON (320)	5-APR-75*	.01	.26	4.56%	7o5
7o6 ETS (340)	5-APR-75*	.02	1.12	1.69%	7o6
7o7 ARC-APP (360)	5-APR-75*	.50	13.18	3.79%	7o7
7o8 ARC-MGT (380)	5-APR-75*	.10	5.12	1.95%	7o8
7o9 RADC (400)	5-APR-75*	.81	32.50	2.48%	7o9
7o10 BELL (500)	5-APR-75*	.46	15.50	2.98%	7o10
7o11 BRL (600)	5-APR-75*	.33	19.69	1.69%	7o11
7o12 SRI (700)	5-APR-75*	.07	2.91	2.41%	7o12
7o13 ARPA (800)	5-APR-75*	.40	17.97	2.23%	7o13
7o14 MIT-SEISMIC (820)	5-APR-75*	.08	4.30	1.93%	7o14
7o15 NICGUEST (840)	5-APR-75*	.04	1.77	2.29%	7o15

ETS's use of Office-1 in June 1975

7o16 ARPA-NSW (880)	5-APR-75*	.38	21.39	1.78%	7o16
7o17 NSA (900)	5-APR-75*	.18	9.84	1.88%	7o17
7p Week ending	29-MAR-75	39.32	1579.37	2.49%	7p
7p1 ACCOUNT (10)	29-MAR-75	4.67	376.52	1.24%	7p1
7p2 TYMSHARE (20)	29-MAR-75	11.90	285.55	4.17%	7p2
7p3 ARC-UTIL (30)	29-MAR-75	4.89	179.66	2.72%	7p3
7p4 CONSULTANTS (90)	29-MAR-75	.02	3.17	.67%	7p4
7p5 NSRDC (200)	29-MAR-75	1.40	57.26	2.44%	7p5
7p6 HUDSON (320)	29-MAR-75	.10	2.86	3.42%	7p6
7p7 ETS (340)	29-MAR-75	.34	16.22	2.10%	7p7
7p8 ARC-APP (360)	29-MAR-75	.65	24.59	2.64%	7p8
7p9 ARC-MGT (380)	29-MAR-75	.73	20.64	3.56%	7p9
7p10 RADC (400)	29-MAR-75	6.30	196.10	3.21%	7p10
7p11 BELL (500)	29-MAR-75	1.67	67.55	2.47%	7p11
7p12 BRL (600)	29-MAR-75	1.08	63.91	1.70%	7p12
7p13 SRI (700)	29-MAR-75	.95	35.94	2.66%	7p13
7p14 ARPA (800)	29-MAR-75	2.08	120.50	1.72%	7p14
7p15 MIT-SEISMIC (820)	29-MAR-75	.29	17.79	1.61%	7p15
7p16 NICGUEST (840)	29-MAR-75	.09	2.84	3.11%	7p16
7p17 ARPA-NSW (880)	29-MAR-75	.89	40.14	2.22%	7p17
7p18 NSA (900)	29-MAR-75	1.07	55.43	1.93%	7p18
7q Week ending	22-MAR-75	42.78	1797.70	2.38%	7q
7q1 ACCOUNT (10)	22-MAR-75	6.33	358.37	1.77%	7q1
7q2 TYMSHARE (20)	22-MAR-75	5.79	306.02	1.89%	7q2
7q3 ARC-UTIL (30)	22-MAR-75	5.45	214.07	2.55%	7q3

ETS's use of Office-1 in June 1975

7q4 CONSULTANTS (90)	22-MAR-75	.06	8.75	.67%	7q4
7q5 NSRDC (200)	22-MAR-75	2.44	93.76	2.60%	7q5
7q6 HUDSON (320)	22-MAR-75	.30	9.97	3.05%	7q6
7q7 ETS (340)	22-MAR-75	.26	11.29	2.31%	7q7
7q8 ARC-APP (360)	22-MAR-75	.89	26.21	3.38%	7q8
7q9 ARC-MGT (380)	22-MAR-75	.53	22.97	2.33%	7q9
7q10 RADC (400)	22-MAR-75	5.64	165.12	3.42%	7q10
7q11 BELL (500)	22-MAR-75	1.90	72.33	2.63%	7q11
7q12 BRL (600)	22-MAR-75	1.57	70.29	2.24%	7q12
7q13 SRI (700)	22-MAR-75	2.29	64.05	3.58%	7q13
7q14 ARPA (800)	22-MAR-75	1.75	128.23	1.37%	7q14
7q15 MIT-SEISMIC (820)	22-MAR-75	1.02	38.70	2.63%	7q15
7q16 NICGUEST (840)	22-MAR-75	.11	3.90	2.91%	7q16
7q17 ARPA-NSW (880)	22-MAR-75	.37	18.53	1.99%	7q17
7q18 NSA (900)	22-MAR-75	1.53	57.43	2.66%	7q18
7q19 ACCOUNT (220100)	22-MAR-75	4.43	119.71	3.70%	7q19
7r Week ending	15-MAR-75	31.83	1361.39	2.34%	7r
7r1 ACCOUNT (10)	15-MAR-75	3.77	285.11	1.32%	7r1
7r2 TYMSHARE (20)	15-MAR-75	2.47	157.99	1.56%	7r2
7r3 ARC-UTIL (30)	15-MAR-75	6.03	186.97	3.22%	7r3
7r4 CONSULTANTS (90)	15-MAR-75	.05	3.46	1.44%	7r4
7r5 NSRDC (200)	15-MAR-75	1.85	70.65	2.61%	7r5
7r6 HUDSON (320)	15-MAR-75	.16	6.47	2.54%	7r6
7r7 ETS (340)	15-MAR-75	.51	19.00	2.67%	7r7
7r8 ARC-APP (360)	15-MAR-75	1.57	49.01	3.20%	7r8

ETS's use of Office-1 in June 1975

7r9 ARC-MGT (380)	15-MAR-75	.72	41.27	1.75%	7r9
7r10 RADC (400)	15-MAR-75	6.23	172.73	3.61%	7r10
7r11 BELL (500)	15-MAR-75	1.81	67.62	2.67%	7r11
7r12 BRL (600)	15-MAR-75	1.31	77.68	1.69%	7r12
7r13 SRI (700)	15-MAR-75	1.95	56.13	3.48%	7r13
7r14 ARPA (800)	15-MAR-75	.78	42.37	1.83%	7r14
7r15 MII-SEISMIC (820)	15-MAR-75	.97	34.63	2.81%	7r15
7r16 NICGUEST (840)	15-MAR-75	.18	5.65	3.13%	7r16
7r17 ARPA-NSW (880)	15-MAR-75	.52	34.72	1.49%	7r17
7r18 NSA (900)	15-MAR-75	.76	31.03	2.45%	7r18
7s Week ending	8-MAR-75	38.46	1897.47	2.03%	7s
7s1 SYSTEM (10)	8-MAR-75	6.69	617.17	1.08%	7s1
7s2 TYMSHARE (20)	8-MAR-75	4.60	262.23	1.75%	7s2
7s3 ARC-UTIL (30)	8-MAR-75	5.82	187.36	3.11%	7s3
7s4 CONSULTANTS (90)	8-MAR-75	.01	6.47	.21%	7s4
7s5 NSRDC (200)	8-MAR-75	2.26	86.69	2.61%	7s5
7s6 HUDSON (320)	8-MAR-75	.21	8.72	2.41%	7s6
7s7 ETS (340)	8-MAR-75	1.00	48.69	2.06%	7s7
7s8 ARC-APP (360)	8-MAR-75	1.29	29.68	4.35%	7s8
7s9 ARC-MGT (380)	8-MAR-75	.27	13.37	2.02%	7s9
7s10 RADC (400)	8-MAR-75	5.68	204.33	2.78%	7s10
7s11 BELL (500)	8-MAR-75	2.45	95.53	2.56%	7s11
7s12 BRL (600)	8-MAR-75	1.79	80.37	2.23%	7s12
7s13 SRI (700)	8-MAR-75	1.99	55.70	3.57%	7s13
7s14 ARPA (800)	8-MAR-75	1.49	89.04	1.67%	7s14

ETS's use of Office-1 in June 1975

7s15 MIT-SEISMIC (820)	8-MAR-75	.92	21.96	4.19%	7s15
7s16 NICGUEST (840)	8-MAR-75	.38	15.29	2.49%	7s16
7s17 ARPA-NSW (880)	8-MAR-75	.93	46.93	1.97%	7s17
7s18 NSA (900)	8-MAR-75	.68	27.94	2.43%	7s18
7t Week ending	1-MAR-75	33.16	1535.91	2.16%	7t
7t1 SYSTEM (10)	1-MAR-75	8.02	554.94	1.45%	7t1
7t2 TYMSHARE (20)	1-MAR-75	4.14	234.39	1.77%	7t2
7t3 ARC-UTIL (30)	1-MAR-75	4.38	109.54	4.00%	7t3
7t4 CONSULTANTS (90)	1-MAR-75	.01	.22	2.62%	7t4
7t5 NSRDC (200)	1-MAR-75	1.84	74.19	2.48%	7t5
7t6 HUDSON (320)	1-MAR-75	.20	3.74	5.23%	7t6
7t7 ETS (340)	1-MAR-75	.87	37.51	2.32%	7t7
7t8 ARC-APP (360)	1-MAR-75	1.42	37.40	3.81%	7t8
7t9 ARC-MGT (380)	1-MAR-75	.18	4.42	3.97%	7t9
7t10 RADC (400)	1-MAR-75	4.14	159.80	2.59%	7t10
7t11 BELL (500)	1-MAR-75	1.15	38.66	2.97%	7t11
7t12 BRL (600)	1-MAR-75	1.29	68.18	1.89%	7t12
7t13 SRI (700)	1-MAR-75	1.00	29.23	3.43%	7t13
7t14 ARPA (800)	1-MAR-75	2.42	93.80	2.58%	7t14
7t15 MIT-SEISMIC (820)	1-MAR-75	.39	10.33	3.76%	7t15
7t16 NICGUEST (840)	1-MAR-75	.11	3.73	3.01%	7t16
7t17 ARPA-NSW (880)	1-MAR-75	.61	37.39	1.64%	7t17
7t18 NSA (900)	1-MAR-75	.99	38.44	2.57%	7t18
7u Week ending	22-FEB-75	22.58	1241.59	1.82%	7u

ETS's use of Office-1 in June 1975

7u1 SYSTEM (10)   22-FEB-75   3.37   406.79
.83%   7u1

7u2 TYMSHARE (20)   22-FEB-75   1.61   218.73
.74%   7u2

7u3 ARC-UTIL (30)   22-FEB-75   1.10   24.80
4.43%   7u3

7u4 CONSULTANTS (90)   22-FEB-75   .01   .85
.72%   7u4

7u5 NSRDC (200)   22-FEB-75   1.53   61.56
2.48%   7u5

7u6 HUDSON (320)   22-FEB-75   .00   .05
10.06%   7u6

7u7 ETS (340)   22-FEB-75   .09   12.38
.73%   7u7

7u8 ARC-APPL (360)   22-FEB-75   .09   2.02
4.39%   7u8

7u9 ARC-MGT (380)   22-FEB-75   .00   .32
.52%   7u9

7u10 RADC (400)   22-FEB-75   3.96   164.76
2.40%   7u10

7u11 BELL (500)   22-FEB-75   5.43   62.85
8.64%   7u11

7u12 BRL (600)   22-FEB-75   2.04   94.59
2.16%   7u12

7u13 SRI (700)   22-FEB-75   .40   26.19
1.53%   7u13

7u14 ARPA (800)   22-FEB-75   1.11   72.94
1.53%   7u14

7u15 MIT-SEISMIC (820) 22-FEB-75   .21   4.52
4.54%   7u15

7u16 NICGUEST (840)   22-FEB-75   .20   6.26
3.28%   7u16

7u17 ARPA-NSW (880) 1.58%	22-FEB-75	.33	21.18	7u17
7u18 NSA (900) 2.09%	22-FEB-75	.89	42.75	7u18
7v Week ending 1.93%	15-FEB-75	31.63	1635.71	7v
7v1 SYSTEM (10) .92%	15-FEB-75	5.23	565.76	7v1
7v2 TYMSHARE (20) 1.74%	15-FEB-75	4.41	253.83	7v2
7v3 ARC-UTIL (30) 2.87%	15-FEB-75	3.16	110.28	7v3
7v4 CONSULTANTS (90) 1.85%	15-FEB-75	.02	1.08	7v4
7v5 NSRDC (200) 2.07%	15-FEB-75	1.08	52.22	7v5
7v6 HUDSON (320) 1.58%	15-FEB-75	.05	3.17	7v6
7v7 ETS (340) 3.22%	15-FEB-75	.77	23.88	7v7
7v8 ARC-APPL (360) 2.87%	15-FEB-75	.20	6.96	7v8
7v9 ARC-MGT (380) 3.70%	15-FEB-75	.01	.27	7v9
7v10 RADC (400) 2.11%	15-FEB-75	3.98	188.68	7v10
7v11 BELL (500) 8.90%	15-FEB-75	5.54	62.24	7v11
7v12 BRL (600) 1.93%	15-FEB-75	2.10	108.76	7v12
7v13 SRI (700) 3.50%	15-FEB-75	1.22	34.85	7v13

ETS's use of Office-1 in June 1975

7v14 ARPA (800) 1.71%	15-FEB-75	2.03	118.57	7v14
7v15 MIT-SEISMIC (820) 4.12%	15-FEB-75	.55	13.36	7v15
7v16 NICGUEST (840) 2.88%	15-FEB-75	.15	5.21	7v16
7v17 ARPA-NSW (880) .99%	15-FEB-75	.56	56.50	7v17
7v18 NSA (900) 1.89%	15-FEB-75	.57	30.09	7v18
7w Week ending 2.07%	8-FEB-75	30.48	1472.43	7w
7w1 SYSTEM (10) .95%	8-FEB-75	3.96	415.60	7w1
7w2 TYMSHARE (20) 2.35%	8-FEB-75	7.19	306.41	7w2
7w3 ARC-UTIL (30) 2.46%	8-FEB-75	2.29	93.27	7w3
7w4 CONSULTANTS (90) 2.99%	8-FEB-75	.04	1.34	7w4
7w5 NSRDC (200) 2.19%	8-FEB-75	1.27	57.90	7w5
7w6 HUDSON (320) 2.12%	8-FEB-75	.07	3.30	7w6
7w7 ETS (340) 2.78%	8-FEB-75	.86	30.96	7w7
7w8 ARC-APPL (360) 3.89%	8-FEB-75	.67	17.22	7w8
7w9 ARC-MGT (380) .00%	8-FEB-75	.00	.00	7w9
7w10 RADC (400) 4.02%	8-FEB-75	5.47	136.06	7w10

7w11 AFAA (440)	8-FEB-75	.00	.00
.00%			7w11
7w12 BELL (500)	8-FEB-75	1.02	81.79
1.25%			7w12
7w13 BRL (600)	8-FEB-75	2.10	110.11
1.91%			7w13
7w14 SRI (700)	8-FEB-75	1.74	43.86
3.97%			7w14
7w15 ARPA (800)	8-FEB-75	2.00	111.16
1.80%			7w15
7w16 MIT-SEISMIC (820)	8-FEB-75	.27	7.36
3.67%			7w16
7w17 NICGUEST (840)	8-FEB-75	.19	5.82
3.26%			7w17
7w18 ARPA-NSW (880)	8-FEB-75	.20	12.00
1.67%			7w18
7w19 NSA (900)	8-FEB-75	1.14	38.27
2.98%			7w19
7x Week ending	1-FEB-75	23.86	1619.60
1.47%			7x
7x1 SYSTEM (10)	1-FEB-75	3.46	437.98
.79%			7x1
7x2 TYMSHARE (20)	1-FEB-75	3.87	344.47
1.12%			7x2
7x3 ARC-UTIL (30)	1-FEB-75	3.00	114.07
2.63%			7x3
7x4 NSRDC (200)	1-FEB-75	.57	32.69
1.74%			7x4
7x5 HUDSON (320)	1-FEB-75	.35	11.84
2.96%			7x5
7x6 ETS (340)	1-FEB-75	.52	26.92
1.93%			7x6

ETS's use of Office-1 in June 1975

```
    7x7 ARC-APPL (360)      1-FEB-75        .31        5.53
    5.61%                                                          7x7

    7x8 ARC-MGT  (380)      1-FEB-75        .00         .00
    .00%                                                           7x8

    7x9 RADC (400)          1-FEB-75       3.22      149.30
    2.16%                                                          7x9

    7x10 AFAA   (440)       1-FEB-75        .00         .00
    .00%                                                           7x10

    7x11 BELL (500)         1-FEB-75       1.84       87.27
    2.11%                                                          7x11

    7x12 BRL (600)          1-FEB-75       1.47      128.55
    1.14%                                                          7x12

    7x13 SRI (700)          1-FEB-75       1.11       28.46
    3.90%                                                          7x13

    7x14 ARPA (800)         1-FEB-75       1.86      159.32
    1.17%                                                          7x14

    7x15 MIT-SEISMIC (820)  1-FEB-75        .14        7.43
    1.88%                                                          7x15

    7x16 NICGUEST (840)     1-FEB-75        .19        9.06
    2.10%                                                          7x16

    7x17 ARPA-NSW (880)     1-FEB-75        .08        5.27
    1.52%                                                          7x17

    7x18 NSA (900)          1-FEB-75       1.87       70.95
    2.64%                                                          7x18

    7x19 ENERGY (70)        1-FEB-75        .00         .49
    .00%                                                           7x19

7y week ending             25-JAN-75      24.28     1501.60
1.62%                                                             7y

    7y1 ACCOUNT (220100)    25-JAN-75        .52       50.56
    1.04%                                                         7y1

    7y2 SYSTEM (10)         25-JAN-75       3.82      411.79
    .93%                                                          7y2
```

ETS's use of Office-1 in June 1975

7y3 TYMSHARE (20) .83%	25-JAN-75	2.58	311.32	7y3
7y4 ARC-UTIL (30) 3.00%	25-JAN-75	1.86	61.93	7y4
7y5 NSRDC (200) 2.21%	25-JAN-75	.74	33.51	7y5
7y6 HUDSON (320) 2.08%	25-JAN-75	.13	6.24	7y6
7y7 ETS (340) 1.79%	25-JAN-75	.44	24.62	7y7
7y8 ARC-APPL (360) 2.47%	25-JAN-75	.29	11.73	7y8
7y9 ARC-MGT (380) .00%	25-JAN-75	.00	.00	7y9
7y10 RADC (400) 2.41%	25-JAN-75	3.66	151.81	7y10
7y11 AFAA (440) .00%	25-JAN-75	.00	.00	7y11
7y12 BELL (500) 4.07%	25-JAN-75	3.68	90.39	7y12
7y13 BRL (600) .92%	25-JAN-75	1.02	110.75	7y13
7y14 SRI (700) 3.55%	25-JAN-75	1.06	29.85	7y14
7y15 ARPA (800) 1.41%	25-JAN-75	1.35	95.80	7y15
7y16 MIT-SEISMIC (820) 5.76%	25-JAN-75	1.09	18.94	7y16
7y17 NICGUEST (840) 2.27%	25-JAN-75	.08	3.53	7y17
7y18 ARPA-NSW (880) 1.33%	25-JAN-75	.31	23.38	7y18

ETS's use of Office-1 in June 1975

```
        7y19 NSA (900)          25-JAN-75      1.64        65.41
        2.51%                                                          7y19

        7y20 ENERGY (70)        25-JAN-75       .01          .04
        25.00%                                                         7y20

     7z Week ending            18-JAN-75     27.31      1360.75
     2.01%                                                              7z

        7z1 ACCOUNT (220100)    18-JAN-75       .52        50.56
        1.04%                                                          7z1

        7z2 SYSTEM (10)         18-JAN-75      5.31       440.35
        1.21%                                                          7z2

        7z3 TYMSHARE (20)       18-JAN-75      6.07       229.38
        2.65%                                                          7z3

        7z4 ARC-UTIL (30)       18-JAN-75      2.51        70.91
        3.54%                                                          7z4

        7z5 NSRDC (200)         18-JAN-75      1.89        91.16
        2.07%                                                          7z5

        7z6 HUDSON (320)        18-JAN-75       .35        21.84
        1.60%                                                          7z6

        7z7 ETS (340)           18-JAN-75       .25        11.86
        2.11%                                                          7z7

        7z8 ARC-APPL (360)      18-JAN-75       .73        22.27
        3.28%                                                          7z8

        7z9 ARC-MGT (380)       18-JAN-75       .00          .00
        .00%                                                           7z9

        7z10 RADC (400)         18-JAN-75      2.19       111.70
        1.96%                                                          7z10

        7z11 AFAA (440)         18-JAN-75       .00          .00
        .00%                                                           7z11

        7z12 BELL (500)         18-JAN-75      1.68        72.71
        2.31%                                                          7z12

        7z13 BRL (600)          18-JAN-75       .89        54.03
        1.65%                                                          7z13
```

ETS's use of Office-1 in June 1975

7z14 SRI (700)	18-JAN-75	1.04	30.63	
3.40%				7z14
7z15 ARPA (800)	18-JAN-75	1.19	62.09	
1.92%				7z15
7z16 MIT-SEISMIC (820)	18-JAN-75	1.15	22.41	
5.13%				7z16
7z17 NICGUEST (840)	18-JAN-75	.11	5.45	
2.02%				7z17
7z18 ARPA-NSW (880)	18-JAN-75	.27	18.16	
1.49%				7z18
7z19 NSA (900)	18-JAN-75	1.07	42.55	
2.51%				7z19
7z20 ENERGY (70)	18-JAN-75	.09	2.69	
3.35%				7z20
7a0 Week ending	12-JAN-75	14.38	922.60	
1.56%				7a0
7a01 ACCOUNT (220100)	12-JAN-75	.45	125.42	
.36%				7a01
7a02 SYSTEM (10)	12-JAN-75	1.86	200.88	
.93%				7a02
7a03 TYMSHARE (20)	12-JAN-75	.89	129.55	
.69%				7a03
7a04 ARC-UTIL (30)	12-JAN-75	1.19	39.22	
3.03%				7a04
7a05 NSRDC (200)	12-JAN-75	1.33	55.52	
2.40%				7a05
7a06 HUDSON (320)	12-JAN-75	.14	8.81	
1.59%				7a06
7a07 ETS (340)	12-JAN-75	.20	10.49	
1.91%				7a07
7a08 ARC-APPL (360)	12-JAN-75	.18	9.30	
1.94%				7a08

ETS's use of Office-1 in June 1975

7a@9 ARC-MGT (380) .00%	12-JAN-75	.00	.00	7a@9
7a@10 RADC (400) 2.58%	12-JAN-75	2.30	89.17	7a@10
7a@11 AFAA (440) .00%	12-JAN-75	.00	.00	7a@11
7a@12 BELL (500) 1.85%	12-JAN-75	1.15	62.25	7a@12
7a@13 BRL (600) 1.74%	12-JAN-75	.59	33.67	7a@13
7a@14 SRI (700) 2.25%	12-JAN-75	.62	27.53	7a@14
7a@15 ARPA (800) 2.76%	12-JAN-75	1.35	48.91	7a@15
7a@16 MIT-SEISMIC (820) 6.77%	12-JAN-75	.70	10.34	7a@16
7a@17 NICGUEST (840) 2.87%	12-JAN-75	.09	3.14	7a@17
7a@18 ARPA-NSW (880) 1.88%	12-JAN-75	.40	21.33	7a@18
7a@19 NSA (900) 2.00%	12-JAN-75	.88	44.01	7a@19
7a@20 ENERGY (70) 1.96%	12-JAN-75	.06	3.06	7a@20
7aa Week ending 1.88%	05-JAN-75	17.81	944.84	7aa
7aa1 SYSTEM (10) .79%	05-JAN-75	2.29	289.30	7aa1
7aa2 TYMSHARE (20) 1.22%	05-JAN-75	2.73	224.67	7aa2
7aa3 ARC-UTIL (30) 10.66%	05-JAN-75	4.09	38.38	7aa3

ETS's use of Office-1 in June 1975

```
     7aa4 CONSULTANTS (90)    05-JAN-75          .00          .00
     .00%                                                              7aa4

     7aa5 NSRDC (200)         05-JAN-75         1.40        73.61
     1.90%                                                             7aa5

     7aa6 HUDSON (320)        05-JAN-75          .12         2.37
     5.06%                                                             7aa6

     7aa7 ETS (340)           05-JAN-75          .13         8.27
     1.57%                                                             7aa7

     7aa8 ARC-APPL (360)      05-JAN-75          .09         3.35
     2.69%                                                             7aa8

     7aa9 ARC-MGT (380)       05-JAN-75          .00          .00
     .00%                                                              7aa9

     7aa10 RADC (400)         05-JAN-75         1.50        67.14
     2.23%                                                             7aa10

     7aa11 BELL (500)         05-JAN-75          .44        27.94
     1.57%                                                             7aa11

     7aa12 BRL (600)          05-JAN-75          .61        40.63
     1.50%                                                             7aa12

     7aa13 SRI (700)          05-JAN-75         1.56        38.04
     4.10%                                                             7aa13

     7aa14 ARPA (800)         05-JAN-75          .91        36.51
     2.49%                                                             7aa14

     7aa15 MIT-SEISMIC (820)  05-JAN-75          .28        13.98
     2.00%                                                             7aa15

     7aa16 NICGUEST (840)     05-JAN-75          .08         4.16
     1.92%                                                             7aa16

     7aa17 ARPA-NSW (880)     05-JAN-75          .51        33.37
     1.53%                                                             7aa17

     7aa18 NSA (900)          05-JAN-75         1.06        41.92
     2.53%                                                             7aa18

     7aa19 ENERGY (70)        05-JAN-75          .01         1.20
     .83%                                                              7aa19

  7ab * indicates bad data.  See the News section <5:w> for details.   7ab
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27

8 USE OF OFFICE-1, BY ORGANIZATION					8
8a		CPU	Connect	CPU/	8a
8b		(hrs)	(hrs)	Connect	8b
8c ARC-MGT 05-JAN--75 thru 28-JUN75		9.27	324.00	2.86%	8c
8c1 ARC-MGT (380)	28-JUN-75	1.10	37.22	2.95%	8c1
8c2 ARC-MGT (380)	21-JUN-75	.69	18.45	3.75%	8c2
8c3 ARC-MGT (380)	14-JUN-75*	.36	12.88	2.81%	8c3
8c4 ARC-MGT (380)	7-JUN-75	.73	16.40	4.47%	8c4
8c5 ARC-MGT (380)	31-MAY-75	.50	17.86	2.81%	8c5
8c6 ARC-MGT (380)	24-MAY-75	.31	11.32	2.74%	8c6
8c7 ARC-MGT (380)	17-MAY-75	.62	19.58	3.16%	8c7
8c8 ARC-MGT (380)	10-MAY-75	.75	19.04	3.94%	8c8
8c9 ARC-MGT (380)	3-MAY-75	.69	18.36	3.74%	8c9
8c10 ARC-MGT (380)	26-APR-75*	.21	11.91	1.79%	8c10
8c11 ARC-MGT (380)	19-APR-75	.35	13.81	2.52%	8c11
8c12 ARC-MGT (380)	12-APR-75	.42	18.79	2.22%	8c12
8c13 ARC-MGT (380)	5-APR-75*	.10	5.12	1.95%	8c13
8c14 ARC-MGT (380)	29-MAR-75	.73	20.64	3.56%	8c14
8c15 ARC-MGT (380)	22-MAR-75	.53	22.97	2.33%	8c15
8c16 ARC-MGT (380)	15-MAR-75	.72	41.27	1.75%	8c16
8c17 ARC-MGT (380)	8-MAR-75	.27	13.37	2.02%	8c17
8c18 ARC-MGT (380)	1-MAR-75	.18	4.42	3.97%	8c18
8c19 ARC-MGT (380)	22-FEB-75	.00	.32	.52%	8c19
8c20 ARC-MGT (380)	15-FEB-75	.01	.27	3.70%	8c20

8c21 ARC-MGT (380)	8-FEB-75	.00	.00	
.00%				8c21
8c22 ARC-MGT (380)	1-FEB-75	.00	.00	
.00%				8c22
8c23 ARC-MGT (380)	25-JAN-75	.00	.00	
.00%				8c23
8c24 ARC-MGT (380)	18-JAN-75	.00	.00	
.00%				8c24
8c25 ARC-MGT (380)	12-JAN-75	.00	.00	
.00%				8c25
8c26 ARC-MGT (380)	05-JAN-75	.00	.00	
.00%				8c26
8d ARPA 05-JAN-75 thru 28-JUN-75		29.41	1690.98	1.74% 8d
8d1 ARPA (800)	28-JUN-75	.39	23.16	1.68% 8d1
8d2 ARPA (800)	21-JUN-75	.85	51.13	1.67% 8d2
8d3 ARPA (800)	14-JUN-75*	.38	25.82	1.47% 8d3
8d4 ARPA (800)	7-JUN-75	.76	43.78	1.74% 8d4
8d5 ARPA (800)	31-MAY-75	.80	38.38	2.08% 8d5
8d6 ARPA (800)	24-MAY-75	1.44	58.39	2.47% 8d6
8d7 ARPA (800)	17-MAY-75	.83	52.07	1.59% 8d7
8d8 ARPA (800)	10-MAY-75	.62	41.78	1.48% 8d8
8d9 ARPA (800)	3-MAY-75	.87	56.07	1.55% 8d9
8d10 ARPA (800)	26-APR-75*	.32	17.16	1.86% 8d10
8d11 ARPA (800)	19-APR-75	1.11	65.11	1.70% 8d11
8d12 ARPA (800)	12-APR-75	.32	20.92	1.53% 8d12
8d13 ARPA (800)	5-APR-75*	.40	17.97	2.23% 8d13
8d14 ARPA (800)	29-MAR-75	2.08	120.50	1.72% 8d14
8d15 ARPA (800)	22-MAR-75	1.75	128.23	1.37% 8d15

ETS's use of Office-1 in June 1975

8d16 ARPA (800)	15-MAR-75	.78	42.37	1.83%	8d16
8d17 ARPA (800)	8-MAR-75	1.49	89.04	1.67%	8d17
8d18 ARPA (800)	1-MAR-75	2.42	93.80	2.58%	8d18
8d19 ARPA (800) 1.53%	22-FEB-75	1.11	72.94		8d19
8d20 ARPA (800) 1.71%	15-FEB-75	2.03	118.57		8d20
8d21 ARPA (800) 1.80%	8-FEB-75	2.00	111.16		8d21
8d22 ARPA (800) 1.17%	1-FEB-75	1.86	159.32		8d22
8d23 ARPA (800) 1.41%	25-JAN-75	1.35	95.80		8d23
8d24 ARPA (800) 1.92%	18-JAN-75	1.19	62.09		8d24
8d25 ARPA (800) 2.76%	12-JAN-75	1.35	48.91		8d25
8d26 ARPA (800) 2.49%	05-JAN-75	.91	36.51		8d26
8e ARPA-NSW 05-JAN thru 28-JUN-75		33.99	1797.75	1.89%	8e
8e1 ARPA-NSW (880)	28-JUN-75	3.91	168.92	2.31%	8e1
8e2 ARPA-NSW (880)	21-JUN-75	3.55	156.72	2.27%	8e2
8e3 ARPA-NSW (880)	14-JUN-75*	1.43	70.99	2.01%	8e3
8e4 ARPA-NSW (880)	7-JUN-75	3.53	165.79	2.13%	8e4
8e5 ARPA-NSW (880)	31-MAY-75	2.27	105.20	2.16%	8e5
8e6 ARPA-NSW (880)	24-MAY-75	1.01	54.00	1.87%	8e6
8e7 ARPA-NSW (880)	17-MAY-75	2.81	139.37	2.02%	8e7
8e8 ARPA-NSW (880)	10-MAY-75	2.11	126.76	1.66%	8e8
8e9 ARPA-NSW (880)	3-MAY-75	1.99	124.38	1.60%	8e9

8e10 ARPA-NSW (880)	26-APR-75*	.43	30.48	1.41%	8e10
8e11 ARPA-NSW (880)	19-APR-75	2.90	170.86	1.70%	8e11
8e12 ARPA-NSW (880)	12-APR-75	1.69	93.99	1.80%	8e12
8e13 ARPA-NSW (880)	5-APR-75*	.38	21.39	1.78%	8e13
8e14 ARPA-NSW (880)	29-MAR-75	.89	40.14	2.22%	8e14
8e15 ARPA-NSW (880)	22-MAR-75	.37	18.53	1.99%	8e15
8e16 ARPA-NSW (880)	15-MAR-75	.52	34.72	1.49%	8e16
8e17 ARPA-NSW (880)	8-MAR-75	.93	46.93	1.97%	8e17
8e18 ARPA-NSW (880)	1-MAR-75	.61	37.39	1.64%	8e18
8e19 ARPA-NSW (880)	22-FEB-75	.33	21.18	1.58%	8e19
8e20 ARPA-NSW (880)	15-FEB-75	.56	56.50	.99%	8e20
8e21 ARPA-NSW (880)	8-FEB-75	.20	12.00	1.67%	8e21
8e22 ARPA-NSW (880)	1-FEB-75	.08	5.27	1.52%	8e22
8e23 ARPA-NSW (880)	25-JAN-75	.31	23.38	1.33%	8e23
8e24 ARPA-NSW (880)	18-JAN-75	.27	18.16	1.49%	8e24
8e25 ARPA-NSW (880)	12-JAN-75	.40	21.33	1.88%	8e25
8e26 ARPA-NSW (880)	05-JAN-75	.51	33.37	1.53%	8e26
8f BELL 05-JAN-75 thru 28-JUN-75		48.36	1659.06	2.91%	8f
8f1 BELL (500)	28-JUN-75	1.50	86.14	1.74%	8f1
8f2 BELL (500)	21-JUN-75	1.76	79.82	2.21%	8f2
8f3 BELL (500)	14-JUN-75*	.50	24.60	2.04%	8f3

ETS's use of Office-1 in June 1975

8f4 BELL (500)	7-JUN-75	1.66	66.25	2.50%	8f4
8f5 BELL (500)	31-MAY-75	2.19	81.77	2.67%	8f5
8f6 BELL (500)	24-MAY-75	2.35	90.48	2.60%	8f6
8f7 BELL (500)	17-MAY-75	1.18	44.93	2.62%	8f7
8f8 BELL (500)	10-MAY-75	1.45	71.67	2.02%	8f8
8f9 BELL (500)	3-MAY-75	1.98	57.18	3.47%	8f9
8f10 BELL (500)	26-APR-75*	.51	27.75*	1.85%	8f10
8f11 BELL (500)	19-APR-75	1.78	64.57	2.76%	8f11
8f12 BELL (500)	12-APR-75	1.28	59.27	2.16%	8f12
8f13 BELL (500)	5-APR-75*	.46	15.50	2.98%	8f13
8f14 BELL (500)	29-MAR-75	1.67	67.55	2.47%	8f14
8f15 BELL (500)	22-MAR-75	1.90	72.33	2.63%	8f15
8f16 BELL (500)	15-MAR-75	1.81	67.62	2.67%	8f16
8f17 BELL (500)	8-MAR-75	2.45	95.53	2.56%	8f17
8f18 BELL (500)	1-MAR-75	1.15	38.66	2.97%	8f18
8f19 BELL (500) 8.64%	22-FEB-75	5.43	62.85		8f19
8f20 BELL (500) 8.90%	15-FEB-75	5.54	62.24		8f20
8f21 BELL (500) 1.25%	8-FEB-75	1.02	81.79		8f21
8f22 BELL (500) 2.11%	1-FEB-75	1.84	87.27		8f22
8f23 BELL (500) 4.07%	25-JAN-75	3.68	90.39		8f23
8f24 BELL (500) 2.31%	18-JAN-75	1.68	72.71		8f24

ETS's use of Office-1 in June 1975

8f25 BELL (500) 1.85%	12-JAN-75	1.15	62.25	8f25
8f26 BELL (500) 1.57%	05-JAN-75	.44	27.94	8f26
8g BRL 05-JAN-75 thru 28-JUN-75		29.82 1612.75	1.85%	8g
8g1 BRL (600)	28-JUN-75	1.14	47.77	2.38%	8g1
8g2 BRL (600)	21-JUN-75	.89	35.35	2.51%	8g2
8g3 BRL (600)	14-JUN-75*	.43	33.47	1.30%	8g3
8g4 BRL (600)	7-JUN-75	1.00	49.17	2.03%	8g4
8g5 BRL (600)	31-MAY-75	1.17	51.53	2.28%	8g5
8g6 BRL (600)	24-MAY-75	.88	34.39	2.57%	8g6
8g7 BRL (600)	17-MAY-75	1.00	46.86	2.14%	8g7
8g8 BRL (600)	10-MAY-75	1.16	61.46	1.89%	8g8
8g9 BRL (600)	3-MAY-75	1.60	68.61	2.34%	8g9
8g10 BRL (600)	26-APR-75*	.52	25.77	2.02%	8g10
8g11 BRL (600)	19-APR-75	.87	47.01	1.85%	8g11
8g12 BRL (600)	12-APR-75	.97	50.15	1.93%	8g12
8g13 BRL (600)	5-APR-75*	.33	19.69	1.69%	8g13
8g14 BRL (600)	29-MAR-75	1.08	63.91	1.70%	8g14
8g15 BRL (600)	22-MAR-75	1.57	70.29	2.24%	8g15
8g16 BRL (600)	15-MAR-75	1.31	77.68	1.69%	8g16
8g17 BRL (600)	8-MAR-75	1.79	80.37	2.23%	8g17
8g18 BRL (600)	1-MAR-75	1.29	68.18	1.89%	8g18
8g19 BRL (600) 2.16%	22-FEB-75	2.04	94.59	8g19
8g20 BRL (600) 1.93%	15-FEB-75	2.10	108.76	8g20

ETS's use of Office-1 in June 1975

8g21 BRL (600) 1.91%	8-FEB-75	2.10	110.11	8g21
8g22 BRL (600) 1.14%	1-FEB-75	1.47	128.55	8g22
8g23 BRL (600) .92%	25-JAN-75	1.02	110.75	8g23
8g24 BRL (600) 1.65%	18-JAN-75	.89	54.03	8g24
8g25 BRL (600) 1.74%	12-JAN-75	.59	33.67	8g25
8g26 BRL (600) 1.50%	05-JAN-75	.61	40.63	8g26
8h ETS 05-JAN-75 thru 28-JUN-75		16.46	777.33	2.12%	8h
8h1 ETS (340)	28-JUN-75	.72	43.06	1.66%	8h1
8h2 ETS (340)	21-JUN-75	.85	41.88	2.04%	8h2
8h3 ETS (340)	14-JUN-75*	.63	36.27	1.74%	8h3
8h4 ETS (340)	7-JUN-75	1.33	71.53	1.85%	8h4
8h5 ETS (340)	31-MAY-75	.93	43.19	2.16%	8h5
8h6 ETS (340)	24-MAY-75	.99	41.36	2.38%	8h6
8h7 ETS (340)	17-MAY-75	1.12	50.60	2.21%	8h7
8h8 ETS (340)	10-MAY-75	1.16	51.13	2.26%	8h8
8h9 ETS (340)	3-MAY-75	.93	45.07	2.06%	8h9
8h10 ETS (340)	26-APR-75*	.32	14.53	2.19%	8h10
8h11 ETS (340)	19-APR-75	.62	29.87	2.09%	8h11
8h12 ETS (340)	12-APR-75	.60	25.63	2.35%	8h12
8h13 ETS (340)	5-APR-75*	.02	1.12	1.69%	8h13
8h14 ETS (340)	29-MAR-75	.34	16.22	2.10%	8h14
8h15 ETS (340)	22-MAR-75	.26	11.29	2.31%	8h15

ETS's use of Office-1 in June 1975

8h16 ETS (340)	15-MAR-75	.51	19.00	2.67%	8h16
8h17 ETS (340)	8-MAR-75	1.00	48.69	2.06%	8h17
8h18 ETS (340)	1-MAR-75	.87	37.51	2.32%	8h18
8h19 ETS (340)	22-FEB-75	.09	12.38		
.73%					8h19
8h20 ETS (340)	15-FEB-75	.77	23.88		
3.22%					8h20
8h21 ETS (340)	8-FEB-75	.86	30.96		
2.78%					8h21
8h22 ETS (340)	1-FEB-75	.52	26.92		
1.93%					8h22
8h23 ETS (340)	25-JAN-75	.44	24.62		
1.79%					8h23
8h24 ETS (340)	18-JAN-75	.25	11.86		
2.11%					8h24
8h25 ETS (340)	12-JAN-75	.20	10.49		
1.91%					8h25
8h26 ETS (340)	05-JAN-75	.13	8.27		
1.57%					8h26
81 HUDSON 05-JAN-75 thru 28-JUN-75		3.43	155.46	2.21%	81
811 HUDSON (320)	28-JUN-75	.00	.05	4.89%	811
812 HUDSON (320)	21-JUN-75	.01	.24	3.96%	812
813 HUDSON (320)	14-JUN-75*	.01	.87	1.11%	813
814 HUDSON (320)	7-JUN-75	.01	.32	3.02%	814
815 HUDSON (320)	31-MAY-75	.05	2.57	1.99%	815
816 HUDSON (320)	24-MAY-75	.11	2.81	3.90%	816
817 HUDSON (320)	17-MAY-75	.07	3.90	1.87%	817
818 HUDSON (320)	10-MAY-75	.08	2.91	2.70%	818
819 HUDSON (320)	3-MAY-75	.16	4.60	3.55%	819

ETS's use of Office-1 in June 1975

8110 HUDSON (320)	26-APR-75*	.10	3.30	2.98%	8110
8111 HUDSON (320)	19-APR-75	.28	29.50	.94%	8111
8112 HUDSON (320)	12-APR-75	.36	14.75	2.47%	8112
8113 HUDSON (320)	5-APR-75*	.01	.26	4.56%	8113
8114 HUDSON (320)	29-MAR-75	.10	2.86	3.42%	8114
8115 HUDSON (320)	22-MAR-75	.30	9.97	3.05%	8115
8116 HUDSON (320)	15-MAR-75	.16	6.47	2.54%	8116
8117 HUDSON (320)	8-MAR-75	.21	8.72	2.41%	8117
8118 HUDSON (320)	1-MAR-75	.20	3.74	5.23%	8118
8119 HUDSON (320) 10.06%	22-FEB-75	.00	.05		8119
8120 HUDSON (320) 1.58%	15-FEB-75	.05	3.17		8120
8121 HUDSON (320) 2.12%	8-FEB-75	.07	3.30		8121
8122 HUDSON (320) 2.96%	1-FEB-75	.35	11.84		8122
8123 HUDSON (320) 2.08%	25-JAN-75	.13	6.24		8123
8124 HUDSON (320) 1.60%	18-JAN-75	.35	21.84		8124
8125 HUDSON (320) 1.59%	12-JAN-75	.14	8.81		8125
8126 HUDSON (320) 5.06%	05-JAN-75	.12	2.37		8126
8j MIT-SEISMIC 05-JAN thru 28-JUN-75		17.65	615.69	2.87%	8j
8j1 MIT-SEISMIC (820)	28-JUN-75	1.08	44.60	2.41%	8j1
8j2 MIT-SEISMIC (820)	21-JUN-75	.79	53.49	1.48%	8j2
8j3 MIT-SEISMIC (820)	14-JUN-75*	.54	19.11	2.81%	8j3

ETS's use of Office-1 in June 1975

8j4 MIT-SEISMIC (820)	7-JUN-75	1.29	34.36	3.75%	8j4
8j5 MIT-SEISMIC (820)	31-MAY-75	.38	22.05	1.75%	8j5
8j6 MIT-SEISMIC (820)	24-MAY-75	1.24	39.98	3.10%	8j6
8j7 MIT-SEISMIC (820)	17-MAY-75	1.32	45.03	2.94%	8j7
8j8 MIT-SEISMIC (820)	10-MAY-75	.85	34.17	2.50%	8j8
8j9 MIT-SEISMIC (820)	3-MAY-75	.66	39.81	1.65%	8j9
8j10 MIT-SEISMIC (820)	26-APR-75*	.18	12.05	1.50%	8j10
8j11 MIT-SEISMIC (820)	19-APR-75	.60	21.06	2.85%	8j11
8j12 MIT-SEISMIC (820)	12-APR-75	.66	23.93	2.77%	8j12
8j13 MIT-SEISMIC (820)	5-APR-75*	.08	4.30	1.93%	8j13
8j14 MIT-SEISMIC (820)	29-MAR-75	.29	17.79	1.61%	8j14
8j15 MIT-SEISMIC (820)	22-MAR-75	1.02	38.70	2.63%	8j15
8j16 MIT-SEISMIC (820)	15-MAR-75	.97	34.63	2.81%	8j16
8j17 MIT-SEISMIC (820)	8-MAR-75	.92	21.96	4.19%	8j17
8j18 MIT-SEISMIC (820)	1-MAR-75	.39	10.33	3.76%	8j18
8j19 MIT-SEISMIC (820) 4.54%	22-FEB-75	.21	4.52		8j19
8j20 MIT-SEISMIC (820) 4.12%	15-FEB-75	.55	13.36		8j20
8j21 MIT-SEISMIC (820) 3.67%	8-FEB-75	.27	7.36		8j21
8j22 MIT-SEISMIC (820) 1.88%	1-FEB-75	.14	7.43		8j22
8j23 MIT-SEISMIC (820) 5.76%	25-JAN-75	1.09	18.94		8j23
8j24 MIT-SEISMIC (820) 5.13%	18-JAN-75	1.15	22.41		8j24

8j25 MIT-SEISMIC (820)	12-JAN-75	.70		10.34	
6.77%					8j25
8j26 MII-SEISMIC (820)	05-JAN-75	.28		13.98	
2.00%					8j26
8k NICGUEST 05-JAN thru 28-JUN-75		3.40	123.52	2.75%	8k
8k1 NICGUEST (840)	28-JUN-75	.07	3.17	2.10%	8k1
8k2 NICGUEST (840)	21-JUN-75	.05	3.53	1.42%	8k2
8k3 NICGUEST (840)	14-JUN-75*	.02	1.23	1.45%	8k3
8k4 NICGUEST (840)	7-JUN-75	.13	5.10	2.61%	8k4
8k5 NICGUEST (840)	31-MAY-75	.10	2.92	3.29%	8k5
8k6 NICGUEST (840)	24-MAY-75	.21	5.04	4.26%	8k6
8k7 NICGUEST (840)	17-MAY-75	.24	6.52	3.62%	8k7
8k8 NICGUEST (840)	10-MAY-75	.17	4.69	3.66%	8k8
8k9 NICGUEST (840)	3-MAY-75	.13	3.57	3.61%	8k9
8k10 NICGUEST (840)	26-APR-75*	.01	.80	1.76%	8k10
8k11 NICGUEST (840)	19-APR-75	.11	4.65	2.29%	8k11
8k12 NICGUEST (840)	12-APR-75	.16	6.49	2.49%	8k12
8k13 NICGUEST (840)	5-APR-75*	.04	1.77	2.29%	8k13
8k14 NICGUEST (840)	29-MAR-75	.09	2.84	3.11%	8k14
8k15 NICGUEST (840)	22-MAR-75	.11	3.90	2.91%	8k15
8k16 NICGUEST (840)	15-MAR-75	.18	5.65	3.13%	8k16
8k17 NICGUEST (840)	8-MAR-75	.38	15.29	2.49%	8k17
8k18 NICGUEST (840)	1-MAR-75	.11	3.73	3.01%	8k18
8k19 NICGUEST (840)	22-FEB-75	.20		6.26	
3.28%					8k19
8k20 NICGUEST (840)	15-FEB-75	.15		5.21	
2.88%					8k20

8k21 NICGUEST (840) 3.26%	8-FEB-75	.19	5.82		8k21
8k22 NICGUEST (840) 2.10%	1-FEB-75	.19	9.06		8k22
8k23 NICGUEST (840) 2.27%	25-JAN-75	.08	3.53		8k23
8k24 NICGUEST (840) 2.02%	18-JAN-75	.11	5.45		8k24
8k25 NICGUEST (840) 2.87%	12-JAN-75	.09	3.14		8k25
8k26 NICGUEST (840) 1.92%	05-JAN-75	.08	4.16		8k26
81 NSA 05-JAN-75 thru 28-JUN-75		29.92	1248.58	2.40%	81
811 NSA (900)	28-JUN-75	.92	33.18	2.77%	811
812 NSA (900)	21-JUN-75	2.66	105.63	2.52%	812
813 NSA (900)	14-JUN-75*	1.10	48.33	2.28%	813
814 NSA (900)	7-JUN-75	2.03	88.63	2.30%	814
815 NSA (900)	31-MAY-75	1.82	89.99	2.03%	815
816 NSA (900)	24-MAY-75	.99	44.92	2.20%	816
817 NSA (900)	17-MAY-75	1.36	61.80	2.20%	817
818 NSA (900)	10-MAY-75	1.19	47.81	2.48%	818
819 NSA (900)	3-MAY-75	1.07	46.22	2.31%	819
8110 NSA (900)	26-APR-75*	.23	9.64	2.36%	8110
8111 NSA (900)	19-APR-75	1.37	36.42	3.77%	8111
8112 NSA (900)	12-APR-75	.85	39.95	2.12%	8112
8113 NSA (900)	5-APR-75*	.18	9.84	1.88%	8113
8114 NSA (900)	29-MAR-75	1.07	55.43	1.93%	8114
8115 NSA (900)	22-MAR-75	1.53	57.43	2.66%	8115

ETS's use of Office-1 in June 1975

8116 NSA (900)	15-MAR-75	.76	31.03	2.45%	8116
8117 NSA (900)	8-MAR-75	.68	27.94	2.43%	8117
8118 NSA (900)	1-MAR-75	.99	38.44	2.57%	8118
8119 NSA (900)	22-FEB-75	.89	42.75	2.09%	8119
8120 NSA (900)	15-FEB-75	.57	30.09	1.89%	8120
8121 NSA (900)	8-FEB-75	1.14	38.27	2.98%	8121
8122 NSA (900)	1-FEB-75	1.87	70.95	2.64%	8122
8123 NSA (900)	25-JAN-75	1.64	65.41	2.51%	8123
8124 NSA (900)	18-JAN-75	1.07	42.55	2.51%	8124
8125 NSA (900)	12-JAN-75	.88	44.01	2.00%	8125
8126 NSA (900)	05-JAN-75	1.06	41.92	2.53%	8126
8m NSRDC 05-JAN-75 thru 28-JUN-75		44.54	1599.70	2.78%	8m
8m1 NSRDC (200)	28-JUN-75	.78	35.17	2.21%	8m1
8m2 NSRDC (200)	21-JUN-75	1.27	44.77	2.85%	8m2
8m3 NSRDC (200)	14-JUN-75*	.80	35.63	2.25%	8m3
8m4 NSRDC (200)	7-JUN-75	1.94	59.09	3.28%	8m4
8m5 NSRDC (200)	31-MAY-75	1.88	58.48	3.22%	8m5
8m6 NSRDC (200)	24-MAY-75	2.22	65.85	3.38%	8m6
8m7 NSRDC (200)	17-MAY-75	3.38	99.16	3.41%	8m7
8m8 NSRDC (200)	10-MAY-75	4.00	106.32	3.76%	8m8
8m9 NSRDC (200)	3-MAY-75	3.30	93.43	3.53%	8m9

ETS's use of Office-1 in June 1975

8m10 NSRDC (200)	26-APR-75*	.72	24.90	2.90%	8m10
8m11 NSRDC (200)	19-APR-75	2.84	67.18	4.23%	8m11
8m12 NSRDC (200)	12-APR-75	1.30	47.49	2.74%	8m12
8m13 NSRDC (200)	5-APR-75*	.51	21.51	2.36%	8m13
8m14 NSRDC (200)	29-MAR-75	1.40	57.26	2.44%	8m14
8m15 NSRDC (200)	22-MAR-75	2.44	93.76	2.60%	8m15
8m16 NSRDC (200)	15-MAR-75	1.85	70.65	2.61%	8m16
8m17 NSRDC (200)	8-MAR-75	2.26	86.69	2.61%	8m17
8m18 NSRDC (200)	1-MAR-75	1.84	74.19	2.48%	8m18
8m19 NSRDC (200)	22-FEB-75	1.53	61.56	2.48%	8m19
8m20 NSRDC (200)	15-FEB-75	1.08	52.22	2.07%	8m20
8m21 NSRDC (200)	8-FEB-75	1.27	57.90	2.19%	8m21
8m22 NSRDC (200)	1-FEB-75	.57	32.69	1.74%	8m22
8m23 NSRDC (200)	25-JAN-75	.74	33.51	2.21%	8m23
8m24 NSRDC (200)	18-JAN-75	1.89	91.16	2.07%	8m24
8m25 NSRDC (200)	12-JAN-75	1.33	55.52	2.40%	8m25
8m26 NSRDC (200)	05-JAN-75	1.40	73.61	1.90%	8m26
8n RADC 05-JAN-75 thru 28-JUN-75		96.95	3443.27	2.82%	8n
8n1 RADC (400)	28-JUN-75	4.42	166.31	2.66%	8n1
8n2 RADC (400)	21-JUN-75	4.33	145.63	2.97%	8n2
8n3 RADC (400)	14-JUN-75*	1.56	70.90	2.21%	8n3

ETS's use of Office-1 in June 1975

8n4 RADC (400)	7-JUN-75	4.97	175.14	2.84%	8n4
8n5 RADC (400)	31-MAY-75	3.02	104.31	2.89%	8n5
8n6 RADC (400)	24-MAY-75	3.89	116.08	3.35%	8n6
8n7 RADC (400)	17-MAY-75	3.95	128.74	3.07%	8n7
8n8 RADC (400)	10-MAY-75	2.72	87.63	3.10%	8n8
8n9 RADC (400)	3-MAY-75	4.04	154.84	2.61%	8n9
8n10 RADC (400)	26-APR-75*	2.36	72.88	3.24%	8n10
8n11 RADC (400)	19-APR-75	3.84	135.16	2.84%	8n11
8n12 RADC (400)	12-APR-75	2.77	96.45	2.87%	8n12
8n13 RADC (400)	5-APR-75*	.81	32.50	2.48%	8n13
8n14 RADC (400)	29-MAR-75	6.30	196.10	3.21%	8n14
8n15 RADC (400)	22-MAR-75	5.64	165.12	3.42%	8n15
8n16 RADC (400)	15-MAR-75	6.23	172.73	3.61%	8n16
8n17 RADC (400)	8-MAR-75	5.68	204.33	2.78%	8n17
8n18 RADC (400)	1-MAR-75	4.14	159.80	2.59%	8n18
8n19 RADC (400)	22-FEB-75	3.96	164.76	2.40%	8n19
8n20 RADC (400)	15-FEB-75	3.98	188.68	2.11%	8n20
8n21 RADC (400)	8-FEB-75	5.47	136.06	4.02%	8n21
8n22 RADC (400)	1-FEB-75	3.22	149.30	2.16%	8n22
8n23 RADC (400)	25-JAN-75	3.66	151.81	2.41%	8n23
8n24 RADC (400)	18-JAN-75	2.19	111.70	1.96%	8n24

ETS's use of Office-1 in June 1975

8n25 RADC (400)	12-JAN-75	2.30		89.17	
2.58%					8n25
8n26 RADC (400)	05-JAN-75	1.50		67.14	
2.23%					8n26
8o SRI 05-JAN-75 thru 28-JUN-75		37.36	1040.52	3.59%	8o
8o1 SRI (700)	28-JUN-75	1.07	30.03	3.57%	8o1
8o2 SRI (700)	21-JUN-75	1.75	45.61	3.85%	8o2
8o3 SRI (700)	14-JUN-75*	1.11	31.49	3.52%	8o3
8o4 SRI (700)	7-JUN-75	3.53	43.73	8.07%	8o4
8o5 SRI (700)	31-MAY-75	2.61	57.92	4.51%	8o5
8o6 SRI (700)	24-MAY-75	1.54	44.12	3.49%	8o6
8o7 SRI (700)	17-MAY-75	1.67	52.10	3.21%	8o7
8o8 SRI (700)	10-MAY-75	1.78	52.69	3.38%	8o8
8o9 SRI (700)	3-MAY-75	1.67	45.67	3.66%	8o9
8o10 SRI (700)	26-APR-75*	.80	25.28	3.16%	8o10
8o11 SRI (700)	19-APR-75	1.73	67.33	2.57%	8o11
8o12 SRI (700)	12-APR-75	1.10	41.18	2.67%	8o12
8o13 SRI (700)	5-APR-75*	.07	2.91	2.41%	8o13
8o14 SRI (700)	29-MAR-75	.95	35.94	2.66%	8o14
8o15 SRI (700)	22-MAR-75	2.29	64.05	3.58%	8o15
8o16 SRI (700)	15-MAR-75	1.95	56.13	3.48%	8o16
8o17 SRI (700)	8-MAR-75	1.99	55.70	3.57%	8o17
8o18 SRI (700)	1-MAR-75	1.00	29.23	3.43%	8o18
8o19 SRI (700)	22-FEB-75	.40		26.19	
1.53%					8o19
8o20 SRI (700)	15-FEB-75	1.22		34.85	
3.50%					8o20

ETS's use of Office-1 in June 1975

8o21 SRI (700) 3.97%	8-FEB-75	1.74	43.86	8o21
8o22 SRI (700) 3.90%	1-FEB-75	1.11	28.46	8o22
8o23 SRI (700) 3.55%	25-JAN-75	1.06	29.85	8o23
8o24 SRI (700) 3.40%	18-JAN-75	1.04	30.63	8o24
8o25 SRI (700) 2.25%	12-JAN-75	.62	27.53	8o25
8o26 SRI (700) 4.10%	05-JAN-75	1.56	38.04	8o26

8p * indicates incorrect data. See News Section <5:w> for
details.   8p

(J32914) 7-JUL-75 09:00;;;;   Title: Author(s): Raymond R. Panko,
James C. Norton/RA3Y JCN; Distribution: /DAP([INFO-ONLY]) PAW2([
INFO-ONLY]) ; Sub-Collections: SRI-ARC NIC; Clerk: RA3Y;
Origin: < PANKO, REPORT.NLS;1, >, 7-JUL-75 08:29 RA3Y ;;;;####;

BUG: the slash / doesn't work

1 I can consistently make the error light go on at the LP attached to
the ADM in the conference room: by using the slash / as an address
element in O-1 DNLS. What is inconvenient is that I really wanted to
see the currentcontext, not the error light. I used to be able to do
this in DNLS; the currentcontext would appear in the tty window.   1

2 Further: I would also like to use the backslash as an address
element in DNLS, but I couldn't find such a key on the ADM (also
can't type it to you in this meessage).   2

BUG: the slash / doesn't work

(J32915)   7-JUL-75 14:49;;;;   Title: Author(s): Jeanne M. Beck/JMB;
Distribution: /FEEDBACK([ACTION]) ; Sub-Collections: SRI-ARC
FEEDBACK; Clerk: JMB;

'NLS system error' again and again

1 That error message got me again: the first time this session that I
tried to delete a branch in my initial file. I have told D. Hopper
about this before; he said to reset and go into NLS again
immediately, which I did. Then the delete worked. But this error is
happening to me nearly every day now. My inital file verifies
successfully. Inconvenient.   ....jeanne   1

'NLS system error' again and again

(J32916) 7-JUL-75 14:50;;;;   Title: Author(s): Jeanne M. Beck/JMB;
Distribution: /FEEDBACK([ACTION]) ; Sub-Collections: SRI-ARC
FEEDBACK; Clerk: JMB;

RADC's use of Office-1 in June 1975

1 To: Duane Stone   1

2 Organization: RADC   2

3 MONTHLY USE REPORT FOR OFFICE-1 - June 1975   3

4 INTRODUCTION   4

    4a This report describes use of Office-1 from June 1 through June
28, 1975.
                                                         4a

    4b The first list contained below <6> describes how each user in
your organization used Office-1 during the reporting period.
                                                          4b

    4c The second list contained below <7> describes how Office-1 was
used during the reporting period, on a week-by-week basis.
                                                           4c

    4d The third list contained below <8> describes how each
organization used Office-1 during the reporting period.
                                                           4d

    4e Three statistics are reported: CPU hours, connect hours, and
the ratio of CPU to connect hours. The ratio is a good index of a
user's rate of resource consumption while logged on.   4e

5 NEWS   5

    5a   As noted in the last monthly report, there are incorrect
data for one week of the reporting period. This is the week
ending June 14. The problem is that Tymshare has been having a
hard time recovering from large systems crashes. Hopefully this
problem is fixed now.   5a

    5b   Incorrect data are marked with an asterisk (*) after the
date, in each statement where incorrect data appear.   5b

6 RADC'S USE OF OFFICE-1 IN REPORTING PERIOD   6

6a	Week	CPU	Connect	CPU/	6a
6b	Ending	(hrs)	(hrs)	Connect	6b
6c RADC 7-JUN-75 thru 28-JUN-75		15.28	557.98	2.74%	6c
6c1 RADC (400)	28-JUN-75	4.42	166.31	2.66%	6c1
6c1a BARNUM	28-JUN-75	.03	1.44	2.10%	6c1a
6c1b BERGSTROM	28-JUN-75	.02	.63	3.06%	6c1b
6c1c CARRIER	28-JUN-75	.73	23.90	3.07%	6c1c
6c1d CAVANO	28-JUN-75	.26	8.49	3.02%	6c1d
6c1e HILBING	28-JUN-75	.13	12.03	1.07%	6c1e
6c1f IUORNO	28-JUN-75	.05	1.12	4.45%	6c1f
6c1g KENNEDY	28-JUN-75	1.12	24.04	4.65%	6c1g
6c1h KENYON	28-JUN-75	.00	.12	3.71%	6c1h
6c1i KRUTZ	28-JUN-75	.05	3.19	1.63%	6c1i
6c1j LAFORGE	28-JUN-75	.12	2.86	4.30%	6c1j
6c1k LAMONICA	28-JUN-75	.04	1.28	2.77%	6c1k
6c1l LAWRENCE	28-JUN-75	.07	2.00	3.70%	6c1l
6c1m LORETO	28-JUN-75	.02	.31	6.46%	6c1m
6c1n NELSON	28-JUN-75	.02	.74	3.17%	6c1n
6c1o PANARA	28-JUN-75	.12	3.77	3.25%	6c1o
6c1p PATTERSON	28-JUN-75	.01	.16	4.51%	6c1p
6c1q PETELL	28-JUN-75	.05	1.41	3.32%	6c1q
6c1r RUPLE	28-JUN-75	.04	2.74	1.41%	6c1r
6c1s RWALKER	28-JUN-75	.08	7.78	.96%	6c1s

6c1t RZEPKA	28-JUN-75	.05	1.94	2.53%	6c1t
6c1u SLIWA	28-JUN-75	.56	21.36	2.63%	6c1u
6c1v STINSON	28-JUN-75	.01	.08	8.46%	6c1v
6c1w STONE	28-JUN-75	.54	14.85	3.67%	6c1w
6c1x TOMAINI	28-JUN-75	.03	1.52	2.15%	6c1x
6c1y WEBER	28-JUN-75	.21	24.45	.86%	6c1y
6c1z WWMCCS	28-JUN-75	.05	4.09	1.32%	6c1z
6c2 RADC (400)	21-JUN-75	4.33	145.63	2.97%	6c2
6c2a BERGSTROM	21-JUN-75	.01	.15	3.76%	6c2a
6c2b CARRIER	21-JUN-75	.57	15.60	3.65%	6c2b
6c2c CAVANO	21-JUN-75	.22	9.32	2.37%	6c2c
6c2d HILBING	21-JUN-75	.01	.22	5.79%	6c2d
6c2e IUORNO	21-JUN-75	.02	.17	8.83%	6c2e
6c2f KENNEDY	21-JUN-75	1.34	33.02	4.07%	6c2f
6c2g KRUTZ	21-JUN-75	.08	3.20	2.51%	6c2g
6c2h LAFORGE	21-JUN-75	.40	9.38	4.23%	6c2h
6c2i LAWRENCE	21-JUN-75	.03	1.03	2.62%	6c2i
6c2j LIUZZI	21-JUN-75	.22	7.39	2.94%	6c2j
6c2k LORETO	21-JUN-75	.00	.05	7.10%	6c2k
6c2l MCNAMARA	21-JUN-75	.04	3.27	1.38%	6c2l
6c2m NELSON	21-JUN-75	.00	.13	2.54%	6c2m
6c2n PANARA	21-JUN-75	.09	1.81	4.81%	6c2n
6c2o PATTERSON	21-JUN-75	.02	1.46	1.35%	6c2o
6c2p RUPLE	21-JUN-75	.08	4.74	1.60%	6c2p
6c2q RWALKER	21-JUN-75	.16	10.81	1.50%	6c2q

RADC's use of Office-1 in June 1975

6c2r RZEPKA	21-JUN-75	.06	3.03	2.04%	6c2r
6c2s SLIWA	21-JUN-75	.09	3.33	2.63%	6c2s
6c2t STONE	21-JUN-75	.52	13.73	3.76%	6c2t
6c2u TOMAINI	21-JUN-75	.07	6.25	1.20%	6c2u
6c2v WINGFIELD	21-JUN-75	.19	7.69	2.49%	6c2v
6c2w WWMCCS	21-JUN-75	.11	9.83	1.12%	6c2w
6c3 RADC (400)	14-JUN-75*	1.56	70.90	2.21%	6c3
6c3a BERGSTROM	14-JUN-75*	.02	1.25	1.49%	6c3a
6c3b CARRIER	14-JUN-75*	.22	8.65	2.55%	6c3b
6c3c CAVANO	14-JUN-75*	.03	1.16	2.24%	6c3c
6c3d IUORNO	14-JUN-75*	.02	.73	3.32%	6c3d
6c3e KENNEDY	14-JUN-75*	.62	14.75*	4.20%	6c3e
6c3f KRUTZ	14-JUN-75*	.02	1.43	1.47%	6c3f
6c3g LAFORGE	14-JUN-75*	.01	.43	2.71%	6c3g
6c3h LAWRENCE	14-JUN-75*	.00	.10	4.02%	6c3h
6c3i LIUZZI	14-JUN-75*	.01	1.87	.64%	6c3i
6c3j MCNAMARA	14-JUN-75*	.01	.56	1.73%	6c3j
6c3k NELSON	14-JUN-75*	.00	.06	1.36%	6c3k
6c3l PANARA	14-JUN-75*	.21	7.20	2.96%	6c3l
6c3m PATTERSON	14-JUN-75*	.00	.16	2.21%	6c3m
6c3n RUPLE	14-JUN-75*	.04	2.84	1.45%	6c3n
6c3o RWALKER	14-JUN-75*	.05	3.55	1.29%	6c3o
6c3p SLIWA	14-JUN-75*	.03	1.09	2.37%	6c3p
6c3q STINSON	14-JUN-75*	.01	.32	4.12%	6c3q
6c3r STONE	14-JUN-75*	.16	8.15	1.92%	6c3r

RADC's use of Office-1 in June 1975

6c3s TOMAINI	14-JUN-75*	.04	2.51	1.62%	6c3s
6c3t WINGFIELD	14-JUN-75*	.02	.78	2.82%	6c3t
6c3u WWMCCS	14-JUN-75*	.03	13.28	.26%	6c3u
6c4 RADC (400)	7-JUN-75	4.97	175.14	2.84%	6c4
6c4a BARNUM	7-JUN-75	.01	.43	2.94%	6c4a
6c4b BERGSTROM	7-JUN-75	.11	4.31	2.56%	6c4b
6c4c CARRIER	7-JUN-75	.32	12.42	2.57%	6c4c
6c4d CAVANO	7-JUN-75	.24	9.32	2.60%	6c4d
6c4e HILBING	7-JUN-75	.05	2.48	2.00%	6c4e
6c4f IUORNO	7-JUN-75	.01	.47	2.19%	6c4f
6c4g KENNEDY	7-JUN-75	1.73	33.96	5.10%	6c4g
6c4h KRUTZ	7-JUN-75	.10	6.88	1.42%	6c4h
6c4i LAFORGE	7-JUN-75	.28	10.63	2.65%	6c4i
6c4j LAMONICA	7-JUN-75	.02	.96	1.81%	6c4j
6c4k LAWRENCE	7-JuN-75	.29	8.52	3.35%	6c4k
6c4l LIUZZI	7-JUN-75	.02	2.43	.89%	6c4l
6c4m LORETO	7-JUN-75	.01	.13	4.30%	6c4m
6c4n PANARA	7-JUN-75	.41	13.27	3.09%	6c4n
6c4o PATTERSON	7-JUN-75	.01	.21	2.89%	6c4o
6c4p RZEPKA	7-JUN-75	.01	1.12	.99%	6c4p
6c4q SLIWA	7-JUN-75	.06	3.52	1.76%	6c4q
6c4r STINSON	7-JUN-75	.00	.03	5.10%	6c4r
6c4s STONE	7-JUN-75	.78	29.56	2.62%	6c4s
6c4t TOMAINI	7-JUN-75	.12	7.38	1.59%	6c4t
6c4u WEBER	7-JUN-75	.01	.71	.82%	6c4u

| 6c4v WINGFIELD | 7-JUN-75 | .24 | 9.12 | 2.65% | 6c4v |
| 6c4w WWMCCS | 7-JUN-75 | .15 | 17.26 | .86% | 6c4w |

7 USE OF OFFICE-1, BY WEEK					7
7a	Week	CPU	Connect	CPU/	7a
7b	Ending	(hrs)	(hrs)	Connect	7b
7c Week ending	28-JUN-75	30.63	1304.59	2.35%	7c
7c1 SYSTEM (10)	28-JUN-75	2.35	105.53	2.23%	7c1
7c2 TYMSHARE (20)	28-JUN-75	1.46	166.72	.88%	7c2
7c3 ARC-UTIL (30)	28-JUN-75	4.64	144.30	3.22%	7c3
7c4 NSRDC (200)	28-JUN-75	.78	35.17	2.21%	7c4
7c5 HUDSON (320)	28-JUN-75	.00	.05	4.89%	7c5
7c6 ETS (340)	28-JUN-75	.72	43.06	1.66%	7c6
7c7 ARC-APP (360)	28-JUN-75	4.81	157.85	3.05%	7c7
7c8 ARC-MGT (380)	28-JUN-75	1.10	37.22	2.95%	7c8
7c9 RADC (400)	28-JUN-75	4.42	166.31	2.66%	7c9
7c10 BELL (500)	28-JUN-75	1.50	86.14	1.74%	7c10
7c11 BRL (600)	28-JUN-75	1.14	47.77	2.38%	7c11
7c12 SRI (700)	28-JUN-75	1.07	30.03	3.57%	7c12
7c13 ARPA (800)	28-JUN-75	.39	23.16	1.68%	7c13
7c14 MIT-SEISMIC (820)	28-JUN-75	1.08	44.60	2.41%	7c14
7c15 NICGUEST (840)	28-JUN-75	.07	3.17	2.10%	7c15
7c16 ARPA-NSW (880)	28-JUN-75	3.91	168.92	2.31%	7c16
7c17 NSA (900)	28-JUN-75	.92	33.18	2.77%	7c17
7d Week ending	21-JUN-75	43.36	1651.26	2.63%	7d
7d1 ACCOUNT (1)	21-JUN-75	.18	100.31	.18%	7d1
7d2 SYSTEM (10)	21-JUN-75	1.92	112.05	1.72%	7d2
7d3 TYMSHARE (20)	21-JUN-75	1.90	239.32	.79%	7d3

7d4 ARC-UTIL (30)	21-JUN-75	11.63	220.56	5.27%	7d4
7d5 CONSULTANTS (90)	21-JUN-75	.00	.03	3.20%	7d5
7d6 NSRDC (200)	21-JUN-75	1.27	44.77	2.85%	7d6
7d7 HUDSON (320)	21-JUN-75	.01	.24	3.96%	7d7
7d8 ETS (340)	21-JUN-75	.85	41.88	2.04%	7d8
7d9 ARC-APP (360)	21-JUN-75	1.79	31.21	5.72%	7d9
7d10 ARC-MGT (380)	21-JUN-75	.69	18.45	3.75%	7d10
7d11 RADC (400)	21-JUN-75	4.33	145.63	2.97%	7d11
7d12 BELL (500)	21-JUN-75	1.76	79.82	2.21%	7d12
7d13 BRL (600)	21-JUN-75	.89	35.35	2.51%	7d13
7d14 SRI (700)	21-JUN-75	1.75	45.61	3.85%	7d14
7d15 ARPA (800)	21-JUN-75	.85	51.13	1.67%	7d15
7d16 MIT-SEISMIC (820)	21-JUN-75	.79	53.49	1.48%	7d16
7d17 NICGUEST (840)	21-JUN-75	.05	3.53	1.42%	7d17
7d18 ARPA-NSW (880)	21-JUN-75	3.55	156.72	2.27%	7d18
7d19 NSA (900)	21-JUN-75	2.66	105.63	2.52%	7d19
7d20 ACCOUNT (220100)	21-JUN-75	6.09	147.91	4.12%	7d20
7e Week ending	14-JUN-75*	16.08	719.39	2.23%	7e
7e1 SYSTEM (10)	14-JUN-75*	.69	33.71	2.04%	7e1
7e2 TYMSHARE (20)	14-JUN-75*	1.06	111.54	.95%	7e2
7e3 ARC-UTIL (30)	14-JUN-75*	2.86	82.95	3.45%	7e3
7e4 CONSULTANTS (90)	14-JUN-75*	.01	.48	2.16%	7e4
7e5 NSRDC (200)	14-JUN-75*	.80	35.63	2.25%	7e5
7e6 HUDSON (320)	14-JUN-75*	.01	.87	1.11%	7e6
7e7 ETS (340)	14-JUN-75*	.63	36.27	1.74%	7e7

7e8 ARC-APP (360)	14-JUN-75*	1.18	18.51	6.35%	7e8
7e9 ARC-MGT (380)	14-JUN-75*	.36	12.88	2.81%	7e9
7e10 RADC (400)	14-JUN-75*	1.56	70.90	2.21%	7e10
7e11 BELL (500)	14-JUN-75*	.50	24.60	2.04%	7e11
7e12 BRL (600)	14-JUN-75*	.43	33.47	1.30%	7e12
7e13 SRI (700)	14-JUN-75*	1.11	31.49	3.52%	7e13
7e14 ARPA (800)	14-JUN-75*	.38	25.82	1.47%	7e14
7e15 MIT-SEISMIC (820)	14-JUN-75*	.54	19.11	2.81%	7e15
7e16 NICGUEST (840)	14-JUN-75*	.02	1.23	1.45%	7e16
7e17 ARPA-NSW (880)	14-JUN-75*	1.43	70.99	2.01%	7e17
7e18 NSA (900)	14-JUN-75*	1.10	48.33	2.28%	7e18
7e19 ACCOUNT (220100)	14-JUN-75*	1.26	51.17	2.47%	7e19
7f Week ending	7-JUN-75	55.17	1719.89	3.21%	7f
7f1 SYSTEM (10)	7-JUN-75	16.65	288.18	5.78%	7f1
7f2 TYMSHARE (20)	7-JUN-75	1.64	283.60	.58%	7f2
7f3 ARC-UTIL (30)	7-JUN-75	12.09	292.33	4.13%	7f3
7f4 ACCOUNT (70)	7-JUN-75	.00	.10	2.93%	7f4
7f5 NSRDC (200)	7-JUN-75	1.94	59.09	3.28%	7f5
7f6 HUDSON (320)	7-JUN-75	.01	.32	3.02%	7f6
7f7 ETS (340)	7-JUN-75	1.33	71.53	1.85%	7f7
7f8 ARC-APP (360)	7-JUN-75	1.88	36.39	5.16%	7f8
7f9 ARC-MGT (380)	7-JUN-75	.73	16.40	4.47%	7f9
7f10 RADC (400)	7-JUN-75	4.97	175.14	2.84%	7f10
7f11 BELL (500)	7-JUN-75	1.66	66.25	2.50%	7f11
7f12 BRL (600)	7-JUN-75	1.00	49.17	2.03%	7f12

RADC's use of Office-1 in June 1975

7f13 SRI (700)	7-JUN-75	3.53	43.73	8.07%	7f13
7f14 ARPA (800)	7-JUN-75	.76	43.78	1.74%	7f14
7f15 MIT-SEISMIC (820)	7-JUN-75	1.29	34.36	3.75%	7f15
7f16 NICGUEST (840)	7-JUN-75	.13	5.10	2.61%	7f16
7f17 ARPA-NSW (880)	7-JUN-75	3.53	165.79	2.13%	7f17
7f18 NSA (900)	7-JUN-75	2.03	88.63	2.30%	7f18
7g Week ending	31-MAY-75	34.27	1313.48	2.61%	7g
7g1 SYSTEM (10)	31-MAY-75	4.92	274.48	1.79%	7g1
7g2 TYMSHARE (20)	31-MAY-75	1.46	214.36	.68%	7g2
7g3 ARC-UTIL (30)	31-MAY-75	9.05	127.98	7.07%	7g3
7g4 NSRDC (200)	31-MAY-75	1.88	58.48	3.22%	7g4
7g5 HUDSON (320)	31-MAY-75	.05	2.57	1.99%	7g5
7g6 ETS (340)	31-MAY-75	.93	43.19	2.16%	7g6
7g7 ARC-APP (360)	31-MAY-75	1.11	20.31	5.45%	7g7
7g8 ACCOUNT (363)	31-MAY-75	.01	.18	3.35%	7g8
7g9 ARC-MGT (380)	31-MAY-75	.50	17.86	2.81%	7g9
7g10 RADC (400)	31-MAY-75	3.02	104.31	2.89%	7g10
7g11 BELL (500)	31-MAY-75	2.19	81.77	2.67%	7g11
7g12 BRL (600)	31-MAY-75	1.17	51.53	2.28%	7g12
7g13 SRI (700)	31-MAY-75	2.61	57.92	4.51%	7g13
7g14 ARPA (800)	31-MAY-75	.80	38.38	2.08%	7g14
7g15 MIT-SEISMIC (820)	31-MAY-75	.38	22.05	1.75%	7g15
7g16 NICGUEST (840)	31-MAY-75	.10	2.92	3.29%	7g16
7g17 ARPA-NSW (880)	31-MAY-75	2.27	105.20	2.16%	7g17
7g18 NSA (900)	31-MAY-75	1.82	89.99	2.03%	7g18

RADC's use of Office-1 in June 1975

7h Week ending	24-MAY-75	35.54	1349.22	2.63%	7h
7h1 SYSTEM (10)	24-MAY-75	4.97	265.38	1.87%	7h1
7h2 TYMSHARE (20)	24-MAY-75	2.23	224.68	.99%	7h2
7h3 ARC-UTIL (30)	24-MAY-75	9.49	146.47	6.48%	7h3
7h4 CONSULTANTS (90)	24-MAY-75	.00	.14	2.11%	7h4
7h5 NSRDC (200)	24-MAY-75	2.22	65.85	3.38%	7h5
7h6 HUDSON (320)	24-MAY-75	.11	2.81	3.90%	7h6
7h7 ETS (340)	24-MAY-75	.99	41.36	2.38%	7h7
7h8 ARC-APP (360)	24-MAY-75	.91	22.44	4.06%	7h8
7h9 ARC-MGT (380)	24-MAY-75	.31	11.32	2.74%	7h9
7h10 RADC (400)	24-MAY-75	3.89	116.08	3.35%	7h10
7h11 BELL (500)	24-MAY-75	2.35	90.48	2.60%	7h11
7h12 BRL (600)	24-MAY-75	.88	34.39	2.57%	7h12
7h13 SRI (700)	24-MAY-75	1.54	44.12	3.49%	7h13
7h14 ARPA (800)	24-MAY-75	1.44	58.39	2.47%	7h14
7h15 MIT-SEISMIC (820)	24-MAY-75	1.24	39.98	3.10%	7h15
7h16 NICGUEST (840)	24-MAY-75	.21	5.04	4.26%	7h16
7h17 ARPA-NSW (880)	24-MAY-75	1.01	54.00	1.87%	7h17
7h18 NSA (900)	24-MAY-75	.99	44.92	2.20%	7h18
7h19 ACCOUNT (220100)	24-MAY-75	.76	81.37	.94%	7h19
7i Week ending	17-MAY-75	38.33	1552.20	2.47%	7i
7i1 SYSTEM (10)	17-MAY-75	6.28	345.50	1.82%	7i1
7i2 TYMSHARE (20)	17-MAY-75	2.23	241.55	.92%	7i2
7i3 ARC-UTIL (30)	17-MAY-75	8.94	180.04	4.97%	7i3
7i4 CONSULTANTS (90)	17-MAY-75	.01	.51	1.47%	7i4

11

715 NSRDC (200)	17-MAY-75	3.38	99.16	3.41%	715
716 HUDSON (320)	17-MAY-75	.07	3.90	1.87%	716
717 ETS (340)	17-MAY-75	1.12	50.60	2.21%	717
718 ARC-APP (360)	17-MAY-75	1.32	33.94	3.88%	718
719 ARC-MGT (380)	17-MAY-75	.62	19.58	3.16%	719
7110 RADC (400)	17-MAY-75	3.95	128.74	3.07%	7110
7111 BELL (500)	17-MAY-75	1.18	44.93	2.62%	7111
7112 BRL (600)	17-MAY-75	1.00	46.86	2.14%	7112
7113 SRI (700)	17-MAY-75	1.67	52.10	3.21%	7113
7114 ARPA (800)	17-MAY-75	.83	52.07	1.59%	7114
7115 MIT-SEISMIC (820)	17-MAY-75	1.32	45.03	2.94%	7115
7116 NICGUEST (840)	17-MAY-75	.24	6.52	3.62%	7116
7117 ARPA-NSW (880)	17-MAY-75	2.81	139.37	2.02%	7117
7118 NSA (900)	17-MAY-75	1.36	61.80	2.20%	7118
7j Week ending	10-MAY-75	30.96	1429.36	2.17%	7j
7j1 SYSTEM (10)	10-MAY-75	4.67	379.69	1.23%	7j1
7j2 TYMSHARE (20)	10-MAY-75	1.56	147.50	1.06%	7j2
7j3 ARC-UTIL (30)	10-MAY-75	5.65	167.72	3.37%	7j3
7j4 CONSULTANTS (90)	10-MAY-75	.03	.58	4.98%	7j4
7j5 NSRDC (200)	10-MAY-75	4.00	106.32	3.76%	7j5
7j6 HUDSON (320)	10-MAY-75	.08	2.91	2.70%	7j6
7j7 ETS (340)	10-MAY-75	1.16	51.13	2.26%	7j7
7j8 ARC-APP (360)	10-MAY-75	1.01	25.81	3.92%	7j8
7j9 ARC-MGT (380)	10-MAY-75	.75	19.04	3.94%	7j9
7j10 RADC (400)	10-MAY-75	2.72	87.63	3.10%	7j10

7j11 BELL (500)	10-MAY-75	1.45	71.67	2.02%	7j11
7j12 BRL (600)	10-MAY-75	1.16	61.46	1.89%	7j12
7j13 SRI (700)	10-MAY-75	1.78	52.69	3.38%	7j13
7j14 ARPA (800)	10-MAY-75	.62	41.78	1.48%	7j14
7j15 MIT-SEISMIC (820)	10-MAY-75	.85	34.17	2.50%	7j15
7j16 NICGUEST (840)	10-MAY-75	.17	4.69	3.66%	7j16
7j17 ARPA-NSW (880)	10-MAY-75	2.11	126.76	1.66%	7j17
7j18 NSA (900)	10-MAY-75	1.19	47.81	2.48%	7j18
7k week ending	3-MAY-75	31.64	1698.65	1.86%	7k
7k1 SYSTEM (10)	3-MAY-75	5.65	519.52	1.09%	7k1
7k2 TYMSHARE (20)	3-MAY-75	1.47	243.89	.60%	7k2
7k3 ARC-UTIL (30)	3-MAY-75	3.34	130.16	2.56%	7k3
7k4 CONSULTANTS (90)	3-MAY-75	.03	1.81	1.60%	7k4
7k5 NSRDC (200)	3-MAY-75	3.30	93.43	3.53%	7k5
7k6 HUDSON (320)	3-MAY-75	.16	4.60	3.55%	7k6
7k7 ETS (340)	3-MAY-75	.93	45.07	2.06%	7k7
7k8 ARC-APP (360)	3-MAY-75	2.06	45.46	4.54%	7k8
7k9 ARC-MGT (380)	3-MAY-75	.69	18.36	3.74%	7k9
7k10 RADC (400)	3-MAY-75	4.04	154.84	2.61%	7k10
7k11 BELL (500)	3-MAY-75	1.98	57.18	3.47%	7k11
7k12 BRL (600)	3-MAY-75	1.60	68.61	2.34%	7k12
7k13 SRI (700)	3-MAY-75	1.67	45.67	3.66%	7k13
7k14 ARPA (800)	3-MAY-75	.87	56.07	1.55%	7k14
7k15 MIT-SEISMIC (820)	3-MAY-75	.66	39.81	1.65%	7k15
7k16 NICGUEST (840)	3-MAY-75	.13	3.57	3.61%	7k16

7k17 ARPA-NSW (880)	3-MAY-75	1.99	124.38	1.60%	7k17
7k18 NSA (900)	3-MAY-75	1.07	46.22	2.31%	7k18
71 Week ending	26-APR-75*	13.08	620.52	2.11%	71
711 ACCOUNT (1)	26-APR-75*	1.25	119.20	1.05%	711
712 TYMSHARE (20)	26-APR-75*	1.21	119.65	1.01%	712
713 ARC-UTIL (30)	26-APR-75*	2.70	89.42	3.02%	713
714 CONSULTANTS (90)	26-APR-75*	.02	1.32	1.41%	714
715 NSRDC (200)	26-APR-75*	.72	24.90	2.90%	715
716 HUDSON (320)	26-APR-75*	.10	3.30	2.98%	716
717 ETS (340)	26-APR-75*	.32	14.53	2.19%	717
718 ARC-APP (360)	26-APR-75*	1.12	12.06	9.31%	718
719 ARC-MGT (380)	26-APR-75*	.21	11.91	1.79%	719
7110 RADC (400)	26-APR-75*	2.36	72.88	3.24%	7110
7111 BELL (500)	26-APR-75*	.51	27.75*	1.85%	7111
7112 BRL (600)	26-APR-75*	.52	25.77	2.02%	7112
7113 SRI (700)	26-APR-75*	.80	25.28	3.16%	7113
7114 ARPA (800)	26-APR-75*	.32	17.16	1.86%	7114
7115 MIT-SEISMIC (820)	26-APR-75*	.18	12.05	1.50%	7115
7116 NICGUEST (840)	26-APR-75*	.01	.80	1.76%	7116
7117 ARPA-NSW (880)	26-APR-75*	.43	30.48	1.41%	7117
7118 NSA (900)	26-APR-75*	.23	9.64	2.36%	7118
7m Week ending	19-APR-75	38.52	1719.47	2.24%	7m
7m1 ACCOUNT (1)	19-APR-75	5.04	507.06	.99%	7m1
7m2 TYMSHARE (20)	19-APR-75	8.47	262.96	3.22%	7m2
7m3 ARC-UTIL (30)	19-APR-75	5.51	173.97	3.17%	7m3

RADC's use of Office-1 in June 1975

7m4 CONSULTANTS (90)	19-APR-75	.01	.83	1.28%	7m4
7m5 NSRDC (200)	19-APR-75	2.84	67.18	4.23%	7m5
7m6 HUDSON (320)	19-APR-75	.28	29.50	.94%	7m6
7m7 ETS (340)	19-APR-75	.62	29.87	2.09%	7m7
7m8 ARC-APP (360)	19-APR-75	1.09	22.12	4.92%	7m8
7m9 ARC-MGT (380)	19-APR-75	.35	13.81	2.52%	7m9
7m10 RADC (400)	19-APR-75	3.84	135.16	2.84%	7m10
7m11 BELL (500)	19-APR-75	1.78	64.57	2.76%	7m11
7m12 BRL (600)	19-APR-75	.87	47.01	1.85%	7m12
7m13 SRI (700)	19-APR-75	1.73	67.33	2.57%	7m13
7m14 ARPA (800)	19-APR-75	1.11	65.11	1.70%	7m14
7m15 MIT-SEISMIC (820)	19-APR-75	.60	21.06	2.85%	7m15
7m16 NICGUEST (840)	19-APR-75	.11	4.65	2.29%	7m16
7m17 ARPA-NSW (880)	19-APR-75	2.90	170.86	1.70%	7m17
7m18 NSA (900)	19-APR-75	1.37	36.42	3.77%	7m18
7n Week ending	12-APR-75	27.84	1276.17	2.18%	7n
7n1 SYSTEM (10)	12-APR-75	5.80	396.17	1.46%	7n1
7n2 TYMSHARE (20)	12-APR-75	5.12	197.53	2.59%	7n2
7n3 ARC-UTIL (30)	12-APR-75	3.41	116.46	2.93%	7n3
7n4 CONSULTANTS (90)	12-APR-75	.01	2.44	.43%	7n4
7n5 NSRDC (200)	12-APR-75	1.30	47.49	2.74%	7n5
7n6 HUDSON (320)	12-APR-75	.36	14.75	2.47%	7n6
7n7 ETS (340)	12-APR-75	.60	25.63	2.35%	7n7
7n8 ARC-APP (360)	12-APR-75	1.02	24.58	4.14%	7n8
7n9 ARC-MGT (380)	12-APR-75	.42	18.79	2.22%	7n9

7n10 RADC (400)	12-APR-75	2.77	96.45	2.87%	7n10
7n11 BELL (500)	12-APR-75	1.28	59.27	2.16%	7n11
7n12 BRL (600)	12-APR-75	.97	50.15	1.93%	7n12
7n13 SRI (700)	12-APR-75	1.10	41.18	2.67%	7n13
7n14 ARPA (800)	12-APR-75	.32	20.92	1.53%	7n14
7n15 MIT-SEISMIC (820)	12-APR-75	.66	23.93	2.77%	7n15
7n16 NICGUEST (840)	12-APR-75	.16	6.49	2.49%	7n16
7n17 ARPA-NSW (880)	12-APR-75	1.69	93.99	1.80%	7n17
7n18 NSA (900)	12-APR-75	.85	39.95	2.12%	7n18
7o Week ending	5-APR-75*	9.32	464.16	2.01%	7o
7o1 ACCOUNT (1)	5-APR-75*	3.93	208.72	1.88%	7o1
7o2 TYMSHARE (20)	5-APR-75*	.57	57.61	1.00%	7o2
7o3 ARC-UTIL (30)	5-APR-75*	.92	30.80	2.99%	7o3
7o4 NSRDC (200)	5-APR-75*	.51	21.51	2.36%	7o4
7o5 HUDSON (320)	5-APR-75*	.01	.26	4.56%	7o5
7o6 ETS (340)	5-APR-75*	.02	1.12	1.69%	7o6
7o7 ARC-APP (360)	5-APR-75*	.50	13.18	3.79%	7o7
7o8 ARC-MGT (380)	5-APR-75*	.10	5.12	1.95%	7o8
7o9 RADC (400)	5-APR-75*	.81	32.50	2.48%	7o9
7o10 BELL (500)	5-APR-75*	.46	15.50	2.98%	7o10
7o11 BRL (600)	5-APR-75*	.33	19.69	1.69%	7o11
7o12 SRI (700)	5-APR-75*	.07	2.91	2.41%	7o12
7o13 ARPA (800)	5-APR-75*	.40	17.97	2.23%	7o13
7o14 MIT-SEISMIC (820)	5-APR-75*	.08	4.30	1.93%	7o14
7o15 NICGUEST (840)	5-APR-75*	.04	1.77	2.29%	7o15

7o16 ARPA-NSW (880)	5-APR-75*	.38	21.39	1.78%	7o16
7o17 NSA (900)	5-APR-75*	.18	9.84	1.88%	7o17
7p Week ending	29-MAR-75	39.32	1579.37	2.49%	7p
7p1 ACCOUNT (10)	29-MAR-75	4.67	376.52	1.24%	7p1
7p2 TYMSHARE (20)	29-MAR-75	11.90	285.55	4.17%	7p2
7p3 ARC-UTIL (30)	29-MAR-75	4.89	179.66	2.72%	7p3
7p4 CONSULTANTS (90)	29-MAR-75	.02	3.17	.67%	7p4
7p5 NSRDC (200)	29-MAR-75	1.40	57.26	2.44%	7p5
7p6 HUDSON (320)	29-MAR-75	.10	2.86	3.42%	7p6
7p7 ETS (340)	29-MAR-75	.34	16.22	2.10%	7p7
7p8 ARC-APP (360)	29-MAR-75	.65	24.59	2.64%	7p8
7p9 ARC-MGT (380)	29-MAR-75	.73	20.64	3.56%	7p9
7p10 RADC (400)	29-MAR-75	6.30	196.10	3.21%	7p10
7p11 BELL (500)	29-MAR-75	1.67	67.55	2.47%	7p11
7p12 BRL (600)	29-MAR-75	1.08	63.91	1.70%	7p12
7p13 SRI (700)	29-MAR-75	.95	35.94	2.66%	7p13
7p14 ARPA (800)	29-MAR-75	2.08	120.50	1.72%	7p14
7p15 MIT-SEISMIC (820)	29-MAR-75	.29	17.79	1.61%	7p15
7p16 NICGUEST (840)	29-MAR-75	.09	2.84	3.11%	7p16
7p17 ARPA-NSW (880)	29-MAR-75	.89	40.14	2.22%	7p17
7p18 NSA (900)	29-MAR-75	1.07	55.43	1.93%	7p18
7q Week ending	22-MAR-75	42.78	1797.70	2.38%	7q
7q1 ACCOUNT (10)	22-MAR-75	6.33	358.37	1.77%	7q1
7q2 TYMSHARE (20)	22-MAR-75	5.79	306.02	1.89%	7q2
7q3 ARC-UTIL (30)	22-MAR-75	5.45	214.07	2.55%	7q3

7q4 CONSULTANTS (90)	22-MAR-75	.06	8.75	.67%	7q4
7q5 NSRDC (200)	22-MAR-75	2.44	93.76	2.60%	7q5
7q6 HUDSON (320)	22-MAR-75	.30	9.97	3.05%	7q6
7q7 ETS (340)	22-MAR-75	.26	11.29	2.31%	7q7
7q8 ARC-APP (360)	22-MAR-75	.89	26.21	3.38%	7q8
7q9 ARC-MGT (380)	22-MAR-75	.53	22.97	2.33%	7q9
7q10 RADC (400)	22-MAR-75	5.64	165.12	3.42%	7q10
7q11 BELL (500)	22-MAR-75	1.90	72.33	2.63%	7q11
7q12 BRL (600)	22-MAR-75	1.57	70.29	2.24%	7q12
7q13 SRI (700)	22-MAR-75	2.29	64.05	3.58%	7q13
7q14 ARPA (800)	22-MAR-75	1.75	128.23	1.37%	7q14
7q15 MIT-SEISMIC (820)	22-MAR-75	1.02	38.70	2.63%	7q15
7q16 NICGUEST (840)	22-MAR-75	.11	3.90	2.91%	7q16
7q17 ARPA-NSW (880)	22-MAR-75	.37	18.53	1.99%	7q17
7q18 NSA (900)	22-MAR-75	1.53	57.43	2.66%	7q18
7q19 ACCOUNT (220100)	22-MAR-75	4.43	119.71	3.70%	7q19
7r Week ending	15-MAR-75	31.83	1361.39	2.34%	7r
7r1 ACCOUNT (10)	15-MAR-75	3.77	285.11	1.32%	7r1
7r2 TYMSHARE (20)	15-MAR-75	2.47	157.99	1.56%	7r2
7r3 ARC-UTIL (30)	15-MAR-75	6.03	186.97	3.22%	7r3
7r4 CONSULTANTS (90)	15-MAR-75	.05	3.46	1.44%	7r4
7r5 NSRDC (200)	15-MAR-75	1.85	70.65	2.61%	7r5
7r6 HUDSON (320)	15-MAR-75	.16	6.47	2.54%	7r6
7r7 ETS (340)	15-MAR-75	.51	19.00	2.67%	7r7
7r8 ARC-APP (360)	15-MAR-75	1.57	49.01	3.20%	7r8

7r9 ARC-MGT (380)	15-MAR-75	.72	41.27	1.75%	7r9
7r10 RADC (400)	15-MAR-75	6.23	172.73	3.61%	7r10
7r11 BELL (500)	15-MAR-75	1.81	67.62	2.67%	7r11
7r12 BRL (600)	15-MAR-75	1.31	77.68	1.69%	7r12
7r13 SRI (700)	15-MAR-75	1.95	56.13	3.48%	7r13
7r14 ARPA (800)	15-MAR-75	.78	42.37	1.83%	7r14
7r15 MIT-SEISMIC (820)	15-MAR-75	.97	34.63	2.81%	7r15
7r16 NICGUEST (840)	15-MAR-75	.18	5.65	3.13%	7r16
7r17 ARPA-NSW (880)	15-MAR-75	.52	34.72	1.49%	7r17
7r18 NSA (900)	15-MAR-75	.76	31.03	2.45%	7r18
7s Week ending	8-MAR-75	38.46	1897.47	2.03%	7s
7s1 SYSTEM (10)	8-MAR-75	6.69	617.17	1.08%	7s1
7s2 TYMSHARE (20)	8-MAR-75	4.60	262.23	1.75%	7s2
7s3 ARC-UTIL (30)	8-MAR-75	5.82	187.36	3.11%	7s3
7s4 CONSULTANTS (90)	8-MAR-75	.01	6.47	.21%	7s4
7s5 NSRDC (200)	8-MAR-75	2.26	86.69	2.61%	7s5
7s6 HUDSON (320)	8-MAR-75	.21	8.72	2.41%	7s6
7s7 ETS (340)	8-MAR-75	1.00	48.69	2.06%	7s7
7s8 ARC-APP (360)	8-MAR-75	1.29	29.68	4.35%	7s8
7s9 ARC-MGT (380)	8-MAR-75	.27	13.37	2.02%	7s9
7s10 RADC (400)	8-MAR-75	5.68	204.33	2.78%	7s10
7s11 BELL (500)	8-MAR-75	2.45	95.53	2.56%	7s11
7s12 BRL (600)	8-MAR-75	1.79	80.37	2.23%	7s12
7s13 SRI (700)	8-MAR-75	1.99	55.70	3.57%	7s13
7s14 ARPA (800)	8-MAR-75	1.49	89.04	1.67%	7s14

7s15 MIT-SEISMIC (820)	8-MAR-75	.92	21.96	4.19%	7s15
7s16 NICGUEST (840)	8-MAR-75	.38	15.29	2.49%	7s16
7s17 ARPA-NSW (880)	8-MAR-75	.93	46.93	1.97%	7s17
7s18 NSA (900)	8-MAR-75	.68	27.94	2.43%	7s18
7t Week ending	1-MAR-75	33.16	1535.91	2.16%	7t
7t1 SYSTEM (10)	1-MAR-75	8.02	554.94	1.45%	7t1
7t2 TYMSHARE (20)	1-MAR-75	4.14	234.39	1.77%	7t2
7t3 ARC-UTIL (30)	1-MAR-75	4.38	109.54	4.00%	7t3
7t4 CONSULTANTS (90)	1-MAR-75	.01	.22	2.62%	7t4
7t5 NSRDC (200)	1-MAR-75	1.84	74.19	2.48%	7t5
7t6 HUDSON (320)	1-MAR-75	.20	3.74	5.23%	7t6
7t7 ETS (340)	1-MAR-75	.87	37.51	2.32%	7t7
7t8 ARC-APP (360)	1-MAR-75	1.42	37.40	3.81%	7t8
7t9 ARC-MGT (380)	1-MAR-75	.18	4.42	3.97%	7t9
7t10 RADC (400)	1-MAR-75	4.14	159.80	2.59%	7t10
7t11 BELL (500)	1-MAR-75	1.15	38.66	2.97%	7t11
7t12 BRL (600)	1-MAR-75	1.29	68.18	1.89%	7t12
7t13 SRI (700)	1-MAR-75	1.00	29.23	3.43%	7t13
7t14 ARPA (800)	1-MAR-75	2.42	93.80	2.58%	7t14
7t15 MIT-SEISMIC (820)	1-MAR-75	.39	10.33	3.76%	7t15
7t16 NICGUEST (840)	1-MAR-75	.11	3.73	3.01%	7t16
7t17 ARPA-NSW (880)	1-MAR-75	.61	37.39	1.64%	7t17
7t18 NSA (900)	1-MAR-75	.99	38.44	2.57%	7t18
7u Week ending	22-FEB-75	22.58	1241.59	1.82%	7u

RADC's use of Office-1 in June 1975

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7u1 SYSTEM (10)       22-FEB-75      3,37      406,79
.83%                                                        7u1

7u2 TYMSHARE (20)     22-FEB-75      1,61      218,73
.74%                                                        7u2

7u3 ARC-UTIL (30)     22-FEB-75      1,10       24,80
4.43%                                                       7u3

7u4 CONSULTANTS (90)  22-FEB-75       ,01        ,85
.72%                                                        7u4

7u5 NSRDC (200)       22-FEB-75      1,53       61,56
2.48%                                                       7u5

7u6 HUDSON (320)      22-FEB-75       ,00        ,05
10.06%                                                      7u6

7u7 ETS (340)         22-FEB-75       ,09       12,38
.73%                                                        7u7

7u8 ARC-APPL (360)    22-FEB-75       ,09        2,02
4.39%                                                       7u8

7u9 ARC-MGT (380)     22-FEB-75       ,00         ,32
.52%                                                        7u9

7u10 RADC (400)       22-FEB-75      3,96      164,76
2.40%                                                       7u10

7u11 BELL (500)       22-FEB-75      5,43       62,85
8.64%                                                       7u11

7u12 BRL (600)        22-FEB-75      2,04       94,59
2.16%                                                       7u12

7u13 SRI (700)        22-FEB-75       ,40       26,19
1.53%                                                       7u13

7u14 ARPA (800)       22-FEB-75      1,11       72,94
1.53%                                                       7u14

7u15 MIT-SEISMIC (820) 22-FEB-75      ,21        4,52
4.54%                                                       7u15

7u16 NICGUEST (840)   22-FEB-75       ,20        6,26
3.28%                                                       7u16
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RADC's use of Office-1 in June 1975

7u17 ARPA-NSW (880) 1.58%	22-FEB-75	.33	21.18	7u17
7u18 NSA (900) 2.09%	22-FEB-75	.89	42.75	7u18
7v Week ending 1.93%	15-FEB-75	31.63	1635.71	7v
7v1 SYSTEM (10) .92%	15-FEB-75	5.23	565.76	7v1
7v2 TYMSHARE (20) 1.74%	15-FEB-75	4.41	253.83	7v2
7v3 ARC-UTIL (30) 2.87%	15-FEB-75	3.16	110.28	7v3
7v4 CONSULTANTS (90) 1.85%	15-FEB-75	.02	1.08	7v4
7v5 NSRDC (200) 2.07%	15-FEB-75	1.08	52.22	7v5
7v6 HUDSON (320) 1.58%	15-FEB-75	.05	3.17	7v6
7v7 ETS (340) 3.22%	15-FEB-75	.77	23.88	7v7
7v8 ARC-APPL (360) 2.87%	15-FEB-75	.20	6.96	7v8
7v9 ARC-MGT (380) 3.70%	15-FEB-75	.01	.27	7v9
7v10 RADC (400) 2.11%	15-FEB-75	3.98	188.68	7v10
7v11 BELL (500) 8.90%	15-FEB-75	5.54	62.24	7v11
7v12 BRL (600) 1.93%	15-FEB-75	2.10	108.76	7v12
7v13 SRI (700) 3.50%	15-FEB-75	1.22	34.85	7v13

7v14 ARPA (800)	15-FEB-75	2.03	118.57	7v14
1.71%				
7v15 MIT-SEISMIC (820)	15-FEB-75	.55	13.36	7v15
4.12%				
7v16 NICGUEST (840)	15-FEB-75	.15	5.21	7v16
2.88%				
7v17 ARPA-NSW (880)	15-FEB-75	.56	56.50	7v17
.99%				
7v18 NSA (900)	15-FEB-75	.57	30.09	7v18
1.89%				
7w Week ending	8-FEB-75	30.48	1472.43	7w
2.07%				
7w1 SYSTEM (10)	8-FEB-75	3.96	415.60	7w1
.95%				
7w2 TYMSHARE (20)	8-FEB-75	7.19	306.41	7w2
2.35%				
7w3 ARC-UTIL (30)	8-FEB-75	2.29	93.27	7w3
2.46%				
7w4 CONSULTANTS (90)	8-FEB-75	.04	1.34	7w4
2.99%				
7w5 NSRDC (200)	8-FEB-75	1.27	57.90	7w5
2.19%				
7w6 HUDSON (320)	8-FEB-75	.07	3.30	7w6
2.12%				
7w7 ETS (340)	8-FEB-75	.86	30.96	7w7
2.78%				
7w8 ARC-APPL (360)	8-FEB-75	.67	17.22	7w8
3.89%				
7w9 ARC-MGT (380)	8-FEB-75	.00	.00	7w9
.00%				
7w10 RADC (400)	8-FEB-75	5.47	136.06	7w10
4.02%				

RADC's use of Office-1 in June 1975

7w11 AFAA (440) .00%	8-FEB-75	.00	.00	7w11
7w12 BELL (500) 1.25%	8-FEB-75	1.02	81.79	7w12
7w13 BRL (600) 1.91%	8-FEB-75	2.10	110.11	7w13
7w14 SRI (700) 3.97%	8-FEB-75	1.74	43.86	7w14
7w15 ARPA (800) 1.80%	8-FEB-75	2.00	111.16	7w15
7w16 MIT-SEISMIC (820) 3.67%	8-FEB-75	.27	7.36	7w16
7w17 NICGUEST (840) 3.26%	8-FEB-75	.19	5.82	7w17
7w18 ARPA-NSW (880) 1.67%	8-FEB-75	.20	12.00	7w18
7w19 NSA (900) 2.98%	8-FEB-75	1.14	38.27	7w19
7x Week ending 1.47%	1-FEB-75	23.86	1619.60	7x
7x1 SYSTEM (10) .79%	1-FEB-75	3.46	437.98	7x1
7x2 TYMSHARE (20) 1.12%	1-FEB-75	3.87	344.47	7x2
7x3 ARC-UTIL (30) 2.63%	1-FEB-75	3.00	114.07	7x3
7x4 NSRDC (200) 1.74%	1-FEB-75	.57	32.69	7x4
7x5 HUDSON (320) 2.96%	1-FEB-75	.35	11.84	7x5
7x6 ETS (340) 1.93%	1-FEB-75	.52	26.92	7x6

7x7 ARC-APPL (360) 5.61%	1-FEB-75	.31	5.53	7x7
7x8 ARC-MGT (380) .00%	1-FEB-75	.00	.00	7x8
7x9 RADC (400) 2.16%	1-FEB-75	3.22	149.30	7x9
7x10 AFAA (440) .00%	1-FEB-75	.00	.00	7x10
7x11 BELL (500) 2.11%	1-FEB-75	1.84	87.27	7x11
7x12 BRL (600) 1.14%	1-FEB-75	1.47	128.55	7x12
7x13 SRI (700) 3.90%	1-FEB-75	1.11	28.46	7x13
7x14 ARPA (800) 1.17%	1-FEB-75	1.86	159.32	7x14
7x15 MIT-SEISMIC (820) 1.88%	1-FEB-75	.14	7.43	7x15
7x16 NICGUEST (840) 2.10%	1-FEB-75	.19	9.06	7x16
7x17 ARPA-NSW (880) 1.52%	1-FEB-75	.08	5.27	7x17
7x18 NSA (900) 2.64%	1-FEB-75	1.87	70.95	7x18
7x19 ENERGY (70) .00%	1-FEB-75	.00	.49	7x19
7y Week ending 1.62%	25-JAN-75	24.28	1501.60	7y
7y1 ACCOUNT (220100) 1.04%	25-JAN-75	.52	50.56	7y1
7y2 SYSTEM (10) .93%	25-JAN-75	3.82	411.79	7y2

7y3 TYMSHARE (20) .83%	25-JAN-75	2.58	311.32	7y3
7y4 ARC-UTIL (30) 3.00%	25-JAN-75	1.86	61.93	7y4
7y5 NSRDC (200) 2.21%	25-JAN-75	.74	33.51	7y5
7y6 HUDSON (320) 2.08%	25-JAN-75	.13	6.24	7y6
7y7 ETS (340) 1.79%	25-JAN-75	.44	24.62	7y7
7y8 ARC-APPL (360) 2.47%	25-JAN-75	.29	11.73	7y8
7y9 ARC-MGT (380) .00%	25-JAN-75	.00	.00	7y9
7y10 RADC (400) 2.41%	25-JAN-75	3.66	151.81	7y10
7y11 AFAA (440) .00%	25-JAN-75	.00	.00	7y11
7y12 BELL (500) 4.07%	25-JAN-75	3.68	90.39	7y12
7y13 BRL (600) .92%	25-JAN-75	1.02	110.75	7y13
7y14 SRI (700) 3.55%	25-JAN-75	1.06	29.85	7y14
7y15 ARPA (800) 1.41%	25-JAN-75	1.35	95.80	7y15
7y16 MIT-SEISMIC (820) 5.76%	25-JAN-75	1.09	18.94	7y16
7y17 NICGUEST (840) 2.27%	25-JAN-75	.08	3.53	7y17
7y18 ARPA-NSW (880) 1.33%	25-JAN-75	.31	23.38	7y18

RADC's use of Office-1 in June 1975

7y19 NSA (900) 2.51%	25-JAN-75	1.64	65.41	7y19
7y20 ENERGY (70) 25.00%	25-JAN-75	.01	.04	7y20
7z Week ending 2.01%	18-JAN-75	27.31	1360.75	7z
7z1 ACCOUNT (220100) 1.04%	18-JAN-75	.52	50.56	7z1
7z2 SYSTEM (10) 1.21%	18-JAN-75	5.31	440.35	7z2
7z3 TYMSHARE (20) 2.65%	18-JAN-75	6.07	229.38	7z3
7z4 ARC-UTIL (30) 3.54%	18-JAN-75	2.51	70.91	7z4
7z5 NSRDC (200) 2.07%	18-JAN-75	1.89	91.16	7z5
7z6 HUDSON (320) 1.60%	18-JAN-75	.35	21.84	7z6
7z7 ETS (340) 2.11%	18-JAN-75	.25	11.86	7z7
7z8 ARC-APPL (360) 3.28%	18-JAN-75	.73	22.27	7z8
7z9 ARC-MGT (380) .00%	18-JAN-75	.00	.00	7z9
7z10 RADC (400) 1.96%	18-JAN-75	2.19	111.70	7z10
7z11 AFAA (440) .00%	18-JAN-75	.00	.00	7z11
7z12 BELL (500) 2.31%	18-JAN-75	1.68	72.71	7z12
7z13 BRL (600) 1.65%	18-JAN-75	.89	54.03	7z13

RADC's use of Office-1 in June 1975

7z14 SRI (700) 3.40%	18-JAN-75	1.04	30.63	7z14
7z15 ARPA (800) 1.92%	18-JAN-75	1.19	62.09	7z15
7z16 MIT-SEISMIC (820) 5.13%	18-JAN-75	1.15	22.41	7z16
7z17 NICGUEST (840) 2.02%	18-JAN-75	.11	5.45	7z17
7z18 ARPA-NSW (880) 1.49%	18-JAN-75	.27	18.16	7z18
7z19 NSA (900) 2.51%	18-JAN-75	1.07	42.55	7z19
7z20 ENERGY (70) 3.35%	18-JAN-75	.09	2.69	7z20
7a@ Week ending 1.56%	12-JAN-75	14.38	922.60	7a@
7a@1 ACCOUNT (220100) .36%	12-JAN-75	.45	125.42	7a@1
7a@2 SYSTEM (10) .93%	12-JAN-75	1.86	200.88	7a@2
7a@3 TYMSHARE (20) .69%	12-JAN-75	.89	129.55	7a@3
7a@4 ARC-UTIL (30) 3.03%	12-JAN-75	1.19	39.22	7a@4
7a@5 NSRDC (200) 2.40%	12-JAN-75	1.33	55.52	7a@5
7a@6 HUDSON (320) 1.59%	12-JAN-75	.14	8.81	7a@6
7a@7 ETS (340) 1.91%	12-JAN-75	.20	10.49	7a@7
7a@8 ARC-APPL (360) 1.94%	12-JAN-75	.18	9.30	7a@8

7a@9 ARC-MGT (380)	12-JAN-75	.00	.00	
.00%				7a@9
7a@10 RADC (400)	12-JAN-75	2.30	89.17	
2.58%				7a@10
7a@11 AFAA (440)	12-JAN-75	.00	.00	
.00%				7a@11
7a@12 BELL (500)	12-JAN-75	1.15	62.25	
1.85%				7a@12
7a@13 BRL (600)	12-JAN-75	.59	33.67	
1.74%				7a@13
7a@14 SRI (700)	12-JAN-75	.62	27.53	
2.25%				7a@14
7a@15 ARPA (800)	12-JAN-75	1.35	48.91	
2.76%				7a@15
7a@16 MIT-SEISMIC (820)	12-JAN-75	.70	10.34	
6.77%				7a@16
7a@17 NICGUEST (840)	12-JAN-75	.09	3.14	
2.87%				7a@17
7a@18 ARPA-NSW (880)	12-JAN-75	.40	21.33	
1.88%				7a@18
7a@19 NSA (900)	12-JAN-75	.88	44.01	
2.00%				7a@19
7a@20 ENERGY (70)	12-JAN-75	.06	3.06	
1.96%				7a@20
7aa Week ending	05-JAN-75	17.81	944.84	
1.88%				7aa
7aa1 SYSTEM (10)	05-JAN-75	2.29	289.30	
.79%				7aa1
7aa2 TYMSHARE (20)	05-JAN-75	2.73	224.67	
1.22%				7aa2
7aa3 ARC-UTIL (30)	05-JAN-75	4.09	38.38	
10.66%				7aa3

RADC's use of Office-1 in June 1975

7aa4 CONSULTANTS (90)   05-JAN-75   .00   .00
.00%   7aa4

7aa5 NSRDC (200)   05-JAN-75   1.40   73.61
1.90%   7aa5

7aa6 HUDSON (320)   05-JAN-75   .12   2.37
5.06%   7aa6

7aa7 ETS (340)   05-JAN-75   .13   8.27
1.57%   7aa7

7aa8 ARC-APPL (360)   05-JAN-75   .09   3.35
2.69%   7aa8

7aa9 ARC-MGT (380)   05-JAN-75   .00   .00
.00%   7aa9

7aa10 RADC (400)   05-JAN-75   1.50   67.14
2.23%   7aa10

7aa11 BELL (500)   05-JAN-75   .44   27.94
1.57%   7aa11

7aa12 BRL (600)   05-JAN-75   .61   40.63
1.50%   7aa12

7aa13 SRI (700)   05-JAN-75   1.56   38.04
4.10%   7aa13

7aa14 ARPA (800)   05-JAN-75   .91   36.51
2.49%   7aa14

7aa15 MIT-SEISMIC (820) 05-JAN-75   .28   13.98
2.00%   7aa15

7aa16 NICGUEST (840)   05-JAN-75   .08   4.16
1.92%   7aa16

7aa17 ARPA-NSW (880)   05-JAN-75   .51   33.37
1.53%   7aa17

7aa18 NSA (900)   05-JAN-75   1.06   41.92
2.53%   7aa18

7aa19 ENERGY (70)   05-JAN-75   .01   1.20
.83%   7aa19

7ab * indicates bad data. See the News section <5:w> for details.   7ab

RADC's use of Office-1 in June 1975

8 USE OF OFFICE-1, BY ORGANIZATION

8a			CPU	Connect	CPU/	8a
8b			(hrs)	(hrs)	Connect	8b
8c	ARC-MGT 05-JAN--75 thru 28-JUN75		9.27	324.00	2.86%	8c
8c1	ARC-MGT (380)	28-JUN-75	1.10	37.22	2.95%	8c1
8c2	ARC-MGT (380)	21-JUN-75	.69	18.45	3.75%	8c2
8c3	ARC-MGT (380)	14-JUN-75*	.36	12.88	2.81%	8c3
8c4	ARC-MGT (380)	7-JUN-75	.73	16.40	4.47%	8c4
8c5	ARC-MGT (380)	31-MAY-75	.50	17.86	2.81%	8c5
8c6	ARC-MGT (380)	24-MAY-75	.31	11.32	2.74%	8c6
8c7	ARC-MGT (380)	17-MAY-75	.62	19.58	3.16%	8c7
8c8	ARC-MGT (380)	10-MAY-75	.75	19.04	3.94%	8c8
8c9	ARC-MGT (380)	3-MAY-75	.69	18.36	3.74%	8c9
8c10	ARC-MGT (380)	26-APR-75*	.21	11.91	1.79%	8c10
8c11	ARC-MGT (380)	19-APR-75	.35	13.81	2.52%	8c11
8c12	ARC-MGT (380)	12-APR-75	.42	18.79	2.22%	8c12
8c13	ARC-MGT (380)	5-APR-75*	.10	5.12	1.95%	8c13
8c14	ARC-MGT (380)	29-MAR-75	.73	20.64	3.56%	8c14
8c15	ARC-MGT (380)	22-MAR-75	.53	22.97	2.33%	8c15
8c16	ARC-MGT (380)	15-MAR-75	.72	41.27	1.75%	8c16
8c17	ARC-MGT (380)	8-MAR-75	.27	13.37	2.02%	8c17
8c18	ARC-MGT (380)	1-MAR-75	.18	4.42	3.97%	8c18
8c19	ARC-MGT (380)	22-FEB-75	.00	.32	.52%	8c19
8c20	ARC-MGT (380)	15-FEB-75	.01	.27	3.70%	8c20

8c21 ARC-MGT	(380)	8-FEB-75	.00	.00		
.00%						8c21
8c22 ARC-MGT	(380)	1-FEB-75	.00	.00		
.00%						8c22
8c23 ARC-MGT	(380)	25-JAN-75	.00	.00		
.00%						8c23
8c24 ARC-MGT	(380)	18-JAN-75	.00	.00		
.00%						8c24
8c25 ARC-MGT	(380)	12-JAN-75	.00	.00		
.00%						8c25
8c26 ARC-MGT	(380)	05-JAN-75	.00	.00		
.00%						8c26
8d ARPA 05-JAN-75 thru 28-JUN-75			29.41	1690.98	1.74%	8d
8d1 ARPA	(800)	28-JUN-75	.39	23.16	1.68%	8d1
8d2 ARPA	(800)	21-JUN-75	.85	51.13	1.67%	8d2
8d3 ARPA	(800)	14-JUN-75*	.38	25.82	1.47%	8d3
8d4 ARPA	(800)	7-JUN-75	.76	43.78	1.74%	8d4
8d5 ARPA	(800)	31-MAY-75	.80	38.38	2.08%	8d5
8d6 ARPA	(800)	24-MAY-75	1.44	58.39	2.47%	8d6
8d7 ARPA	(800)	17-MAY-75	.83	52.07	1.59%	8d7
8d8 ARPA	(800)	10-MAY-75	.62	41.78	1.48%	8d8
8d9 ARPA	(800)	3-MAY-75	.87	56.07	1.55%	8d9
8d10 ARPA	(800)	26-APR-75*	.32	17.16	1.86%	8d10
8d11 ARPA	(800)	19-APR-75	1.11	65.11	1.70%	8d11
8d12 ARPA	(800)	12-APR-75	.32	20.92	1.53%	8d12
8d13 ARPA	(800)	5-APR-75*	.40	17.97	2.23%	8d13
8d14 ARPA	(800)	29-MAR-75	2.08	120.50	1.72%	8d14
8d15 ARPA	(800)	22-MAR-75	1.75	128.23	1.37%	8d15

RADC's use of Cffice-1 in June 1975

8d16 ARPA (800)	15-MAR-75	.78	42.37	1.83%	8d16
8d17 ARPA (800)	8-MAR-75	1.49	89.04	1.67%	8d17
8d18 ARPA (800)	1-MAR-75	2.42	93.80	2.58%	8d18
8d19 ARPA (800)	22-FEB-75	1.11	72.94	1.53%	8d19
8d20 ARPA (800)	15-FEB-75	2.03	118.57	1.71%	8d20
8d21 ARPA (800)	8-FEB-75	2.00	111.16	1.80%	8d21
8d22 ARPA (800)	1-FEB-75	1.86	159.32	1.17%	8d22
8d23 ARPA (800)	25-JAN-75	1.35	95.80	1.41%	8d23
8d24 ARPA (800)	18-JAN-75	1.19	62.09	1.92%	8d24
8d25 ARPA (800)	12-JAN-75	1.35	48.91	2.76%	8d25
8d26 ARPA (800)	05-JAN-75	.91	36.51	2.49%	8d26
8e ARPA-NSW 05-JAN thru 28-JUN-75		33.99	1797.75	1.89%	8e
8e1 ARPA-NSW (880)	28-JUN-75	3.91	168.92	2.31%	8e1
8e2 ARPA-NSW (880)	21-JUN-75	3.55	156.72	2.27%	8e2
8e3 ARPA-NSW (880)	14-JUN-75*	1.43	70.99	2.01%	8e3
8e4 ARPA-NSW (880)	7-JUN-75	3.53	165.79	2.13%	8e4
8e5 ARPA-NSW (880)	31-MAY-75	2.27	105.20	2.16%	8e5
8e6 ARPA-NSW (880)	24-MAY-75	1.01	54.00	1.87%	8e6
8e7 ARPA-NSW (880)	17-MAY-75	2.81	139.37	2.02%	8e7
8e8 ARPA-NSW (880)	10-MAY-75	2.11	126.76	1.66%	8e8
8e9 ARPA-NSW (880)	3-MAY-75	1.99	124.38	1.60%	8e9

8e10 ARPA-NSW (880)	26-APR-75*	.43	30.48	1.41%	8e10
8e11 ARPA-NSW (880)	19-APR-75	2.90	170.86	1.70%	8e11
8e12 ARPA-NSW (880)	12-APR-75	1.69	93.99	1.80%	8e12
8e13 ARPA-NSW (880)	5-APR-75*	.38	21.39	1.78%	8e13
8e14 ARPA-NSW (880)	29-MAR-75	.89	40.14	2.22%	8e14
8e15 ARPA-NSW (880)	22-MAR-75	.37	18.53	1.99%	8e15
8e16 ARPA-NSW (880)	15-MAR-75	.52	34.72	1.49%	8e16
8e17 ARPA-NSW (880)	8-MAR-75	.93	46.93	1.97%	8e17
8e18 ARPA-NSW (880)	1-MAR-75	.61	37.39	1.64%	8e18
8e19 ARPA-NSW (880)	22-FEB-75	.33	21.18	1.58%	8e19
8e20 ARPA-NSW (880)	15-FEB-75	.56	56.50	.99%	8e20
8e21 ARPA-NSW (880)	8-FEB-75	.20	12.00	1.67%	8e21
8e22 ARPA-NSW (880)	1-FEB-75	.08	5.27	1.52%	8e22
8e23 ARPA-NSW (880)	25-JAN-75	.31	23.38	1.33%	8e23
8e24 ARPA-NSW (880)	18-JAN-75	.27	18.16	1.49%	8e24
8e25 ARPA-NSW (880)	12-JAN-75	.40	21.33	1.88%	8e25
8e26 ARPA-NSW (880)	05-JAN-75	.51	33.37	1.53%	8e26
8f BELL 05-JAN-75 thru 28-JUN-75		48.36	1659.06	2.91%	8f
8f1 BELL (500)	28-JUN-75	1.50	86.14	1.74%	8f1
8f2 BELL (500)	21-JUN-75	1.76	79.82	2.21%	8f2
8f3 BELL (500)	14-JUN-75*	.50	24.60	2.04%	8f3

RADC's use of Office-1 in June 1975

8f4 BELL (500)	7-JUN-75	1.66	66.25	2.50%	8f4
8f5 BELL (500)	31-MAY-75	2.19	81.77	2.67%	8f5
8f6 BELL (500)	24-MAY-75	2.35	90.48	2.60%	8f6
8f7 BELL (500)	17-MAY-75	1.18	44.93	2.62%	8f7
8f8 BELL (500)	10-MAY-75	1.45	71.67	2.02%	8f8
8f9 BELL (500)	3-MAY-75	1.98	57.18	3.47%	8f9
8f10 BELL (500)	26-APR-75*	.51	27.75*	1.85%	8f10
8f11 BELL (500)	19-APR-75	1.78	64.57	2.76%	8f11
8f12 BELL (500)	12-APR-75	1.28	59.27	2.16%	8f12
8f13 BELL (500)	5-APR-75*	.46	15.50	2.98%	8f13
8f14 BELL (500)	29-MAR-75	1.67	67.55	2.47%	8f14
8f15 BELL (500)	22-MAR-75	1.90	72.33	2.63%	8f15
8f16 BELL (500)	15-MAR-75	1.81	67.62	2.67%	8f16
8f17 BELL (500)	8-MAR-75	2.45	95.53	2.56%	8f17
8f18 BELL (500)	1-MAR-75	1.15	38.66	2.97%	8f18
8f19 BELL (500) 8.64%	22-FEB-75	5.43	62.85		8f19
8f20 BELL (500) 8.90%	15-FEB-75	5.54	62.24		8f20
8f21 BELL (500) 1.25%	8-FEB-75	1.02	81.79		8f21
8f22 BELL (500) 2.11%	1-FEB-75	1.84	87.27		8f22
8f23 BELL (500) 4.07%	25-JAN-75	3.68	90.39		8f23
8f24 BELL (500) 2.31%	18-JAN-75	1.68	72.71		8f24

8f25 BELL (500) 1.85%	12-JAN-75	1.15		62.25	8f25
8f26 BELL (500) 1.57%	05-JAN-75	.44		27.94	8f26
8g BRL 05-JAN-75 thru 28-JUN-75		29.82	1612.75	1.85%	8g
8g1 BRL (600)	28-JUN-75	1.14	47.77	2.38%	8g1
8g2 BRL (600)	21-JUN-75	.89	35.35	2.51%	8g2
8g3 BRL (600)	14-JUN-75*	.43	33.47	1.30%	8g3
8g4 BRL (600)	7-JUN-75	1.00	49.17	2.03%	8g4
8g5 BRL (600)	31-MAY-75	1.17	51.53	2.28%	8g5
8g6 BRL (600)	24-MAY-75	.88	34.39	2.57%	8g6
8g7 BRL (600)	17-MAY-75	1.00	46.86	2.14%	8g7
8g8 BRL (600)	10-MAY-75	1.16	61.46	1.89%	8g8
8g9 BRL (600)	3-MAY-75	1.60	68.61	2.34%	8g9
8g10 BRL (600)	26-APR-75*	.52	25.77	2.02%	8g10
8g11 BRL (600)	19-APR-75	.87	47.01	1.85%	8g11
8g12 BRL (600)	12-APR-75	.97	50.15	1.93%	8g12
8g13 BRL (600)	5-APR-75*	.33	19.69	1.69%	8g13
8g14 BRL (600)	29-MAR-75	1.08	63.91	1.70%	8g14
8g15 BRL (600)	22-MAR-75	1.57	70.29	2.24%	8g15
8g16 BRL (600)	15-MAR-75	1.31	77.68	1.69%	8g16
8g17 BRL (600)	8-MAR-75	1.79	80.37	2.23%	8g17
8g18 BRL (600)	1-MAR-75	1.29	68.18	1.89%	8g18
8g19 BRL (600) 2.16%	22-FEB-75	2.04		94.59	8g19
8g20 BRL (600) 1.93%	15-FEB-75	2.10		108.76	8g20

RADC's use of Office-1 in June 1975

8g21 BRL (600) 1.91%	8-FEB-75	2.10	110.11		8g21
8g22 BRL (600) 1.14%	1-FEB-75	1.47	128.55		8g22
8g23 BRL (600) .92%	25-JAN-75	1.02	110.75		8g23
8g24 BRL (600) 1.65%	18-JAN-75	.89	54.03		8g24
8g25 BRL (600) 1.74%	12-JAN-75	.59	33.67		8g25
8g26 BRL (600) 1.50%	05-JAN-75	.61	40.63		8g26
8h ETS 05-JAN-75 thru 28-JUN-75		16.46	777.33	2.12%	8h
8h1 ETS (340)	28-JUN-75	.72	43.06	1.66%	8h1
8h2 ETS (340)	21-JUN-75	.85	41.88	2.04%	8h2
8h3 ETS (340)	14-JUN-75*	.63	36.27	1.74%	8h3
8h4 ETS (340)	7-JUN-75	1.33	71.53	1.85%	8h4
8h5 ETS (340)	31-MAY-75	.93	43.19	2.16%	8h5
8h6 ETS (340)	24-MAY-75	.99	41.36	2.38%	8h6
8h7 ETS (340)	17-MAY-75	1.12	50.60	2.21%	8h7
8h8 ETS (340)	10-MAY-75	1.16	51.13	2.26%	8h8
8h9 ETS (340)	3-MAY-75	.93	45.07	2.06%	8h9
8h10 ETS (340)	26-APR-75*	.32	14.53	2.19%	8h10
8h11 ETS (340)	19-APR-75	.62	29.87	2.09%	8h11
8h12 ETS (340)	12-APR-75	.60	25.63	2.35%	8h12
8h13 ETS (340)	5-APR-75*	.02	1.12	1.69%	8h13
8h14 ETS (340)	29-MAR-75	.34	16.22	2.10%	8h14
8h15 ETS (340)	22-MAR-75	.26	11.29	2.31%	8h15

8h16 ETS (340)	15-MAR-75	.51	19.00	2.67%	8h16
8h17 ETS (340)	8-MAR-75	1.00	48.69	2.06%	8h17
8h18 ETS (340)	1-MAR-75	.87	37.51	2.32%	8h18
8h19 ETS (340)	22-FEB-75	.09	12.38		
.73%					8h19
8h20 ETS (340)	15-FEB-75	.77	23.88		
3.22%					8h20
8h21 ETS (340)	8-FEB-75	.86	30.96		
2.78%					8h21
8h22 ETS (340)	1-FEB-75	.52	26.92		
1.93%					8h22
8h23 ETS (340)	25-JAN-75	.44	24.62		
1.79%					8h23
8h24 ETS (340)	18-JAN-75	.25	11.86		
2.11%					8h24
8h25 ETS (340)	12-JAN-75	.20	10.49		
1.91%					8h25
8h26 ETS (340)	05-JAN-75	.13	8.27		
1.57%					8h26
81 HUDSON 05-JAN-75 thru 28-JUN-75		3.43	155.46	2.21%	81
811 HUDSON (320)	28-JUN-75	.00	.05	4.89%	811
812 HUDSON (320)	21-JUN-75	.01	.24	3.96%	812
813 HUDSON (320)	14-JUN-75*	.01	.87	1.11%	813
814 HUDSON (320)	7-JUN-75	.01	.32	3.02%	814
815 HUDSON (320)	31-MAY-75	.05	2.57	1.99%	815
816 HUDSON (320)	24-MAY-75	.11	2.81	3.90%	816
817 HUDSON (320)	17-MAY-75	.07	3.90	1.87%	817
818 HUDSON (320)	10-MAY-75	.08	2.91	2.70%	818
819 HUDSON (320)	3-MAY-75	.16	4.60	3.55%	819

8110 HUDSON (320)	26-APR-75*	.10	3.30	2.98%	8110
8111 HUDSON (320)	19-APR-75	.28	29.50	.94%	8111
8112 HUDSON (320)	12-APR-75	.36	14.75	2.47%	8112
8113 HUDSON (320)	5-APR-75*	.01	.26	4.56%	8113
8114 HUDSON (320)	29-MAR-75	.10	2.86	3.42%	8114
8115 HUDSON (320)	22-MAR-75	.30	9.97	3.05%	8115
8116 HUDSON (320)	15-MAR-75	.16	6.47	2.54%	8116
8117 HUDSON (320)	8-MAR-75	.21	8.72	2.41%	8117
8118 HUDSON (320)	1-MAR-75	.20	3.74	5.23%	8118
8119 HUDSON (320) 10.06%	22-FEB-75	.00		.05	8119
8120 HUDSON (320) 1.58%	15-FEB-75	.05		3.17	8120
8121 HUDSON (320) 2.12%	8-FEB-75	.07		3.30	8121
8122 HUDSON (320) 2.96%	1-FEB-75	.35		11.84	8122
8123 HUDSON (320) 2.08%	25-JAN-75	.13		6.24	8123
8124 HUDSON (320) 1.60%	18-JAN-75	.35		21.84	8124
8125 HUDSON (320) 1.59%	12-JAN-75	.14		8.81	8125
8126 HUDSON (320) 5.06%	05-JAN-75	.12		2.37	8126
8j MIT-SEISMIC 05-JAN thru 28-JUN-75		17.65	615.69	2.87%	8j
8j1 MIT-SEISMIC (820)	28-JUN-75	1.08	44.60	2.41%	8j1
8j2 MIT-SEISMIC (820)	21-JUN-75	.79	53.49	1.48%	8j2
8j3 MIT-SEISMIC (820)	14-JUN-75*	.54	19.11	2.81%	8j3

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8j4 MIT-SEISMIC (820)      7-JUN-75     1.29    34.36   3.75%      8j4

8j5 MIT-SEISMIC (820)     31-MAY-75      .38    22.05   1.75%      8j5

8j6 MIT-SEISMIC (820)     24-MAY-75     1.24    39.98   3.10%      8j6

8j7 MIT-SEISMIC (820)     17-MAY-75     1.32    45.03   2.94%      8j7

8j8 MIT-SEISMIC (820)     10-MAY-75      .85    34.17   2.50%      8j8

8j9 MIT-SEISMIC (820)      3-MAY-75      .66    39.81   1.65%      8j9

8j10 MIT-SEISMIC (820)    26-APR-75*     .18    12.05   1.50%      8j10

8j11 MIT-SEISMIC (820)    19-APR-75      .60    21.06   2.85%      8j11

8j12 MIT-SEISMIC (820)    12-APR-75      .66    23.93   2.77%      8j12

8j13 MIT-SEISMIC (820)     5-APR-75*     .08     4.30   1.93%      8j13

8j14 MIT-SEISMIC (820)    29-MAR-75      .29    17.79   1.61%      8j14

8j15 MIT-SEISMIC (820)    22-MAR-75     1.02    38.70   2.63%      8j15

8j16 MIT-SEISMIC (820)    15-MAR-75      .97    34.63   2.81%      8j16

8j17 MIT-SEISMIC (820)     8-MAR-75      .92    21.96   4.19%      8j17

8j18 MIT-SEISMIC (820)     1-MAR-75      .39    10.33   3.76%      8j18

8j19 MIT-SEISMIC (820)    22-FEB-75        .21          4.52
4.54%                                                             8j19

8j20 MIT-SEISMIC (820)    15-FEB-75        .55         13.36
4.12%                                                             8j20

8j21 MIT-SEISMIC (820)     8-FEB-75        .27          7.36
3.67%                                                             8j21

8j22 MIT-SEISMIC (820)     1-FEB-75        .14          7.43
1.88%                                                             8j22

8j23 MIT-SEISMIC (820)    25-JAN-75      1.09          18.94
5.76%                                                             8j23

8j24 MIT-SEISMIC (820)    18-JAN-75      1.15          22.41
5.13%                                                             8j24
```

8j25 MIT-SEISMIC (820)	12-JAN-75	.70		10.34	8j25
6.77%					
8j26 MIT-SEISMIC (820)	05-JAN-75	.28		13.98	8j26
2.00%					
8k NICGUEST 05-JAN thru 28-JUN-75		3.40	123.52	2.75%	8k
8k1 NICGUEST (840)	28-JUN-75	.07	3.17	2.10%	8k1
8k2 NICGUEST (840)	21-JUN-75	.05	3.53	1.42%	8k2
8k3 NICGUEST (840)	14-JUN-75*	.02	1.23	1.45%	8k3
8k4 NICGUEST (840)	7-JUN-75	.13	5.10	2.61%	8k4
8k5 NICGUEST (840)	31-MAY-75	.10	2.92	3.29%	8k5
8k6 NICGUEST (840)	24-MAY-75	.21	5.04	4.26%	8k6
8k7 NICGUEST (840)	17-MAY-75	.24	6.52	3.62%	8k7
8k8 NICGUEST (840)	10-MAY-75	.17	4.69	3.66%	8k8
8k9 NICGUEST (840)	3-MAY-75	.13	3.57	3.61%	8k9
8k10 NICGUEST (840)	26-APR-75*	.01	.80	1.76%	8k10
8k11 NICGUEST (840)	19-APR-75	.11	4.65	2.29%	8k11
8k12 NICGUEST (840)	12-APR-75	.16	6.49	2.49%	8k12
8k13 NICGUEST (840)	5-APR-75*	.04	1.77	2.29%	8k13
8k14 NICGUEST (840)	29-MAR-75	.09	2.84	3.11%	8k14
8k15 NICGUEST (840)	22-MAR-75	.11	3.90	2.91%	8k15
8k16 NICGUEST (840)	15-MAR-75	.18	5.65	3.13%	8k16
8k17 NICGUEST (840)	8-MAR-75	.38	15.29	2.49%	8k17
8k18 NICGUEST (840)	1-MAR-75	.11	3.73	3.01%	8k18
8k19 NICGUEST (840)	22-FEB-75	.20		6.26	8k19
3.28%					
8k20 NICGUEST (840)	15-FEB-75	.15		5.21	8k20
2.88%					

8k21 NICGUEST (840) 3.26%	8-FEB-75		.19	5.82	8k21
8k22 NICGUEST (840) 2.10%	1-FEB-75		.19	9.06	8k22
8k23 NICGUEST (840) 2.27%	25-JAN-75		.08	3.53	8k23
8k24 NICGUEST (840) 2.02%	18-JAN-75		.11	5.45	8k24
8k25 NICGUEST (840) 2.87%	12-JAN-75		.09	3.14	8k25
8k26 NICGUEST (840) 1.92%	05-JAN-75		.08	4.16	8k26
81 NSA 05-JAN-75 thru 28-JUN-75		29.92	1248.58	2.40%	81
811 NSA (900)	28-JUN-75	.92	33.18	2.77%	811
812 NSA (900)	21-JUN-75	2.66	105.63	2.52%	812
813 NSA (900)	14-JUN-75*	1.10	48.33	2.28%	813
814 NSA (900)	7-JUN-75	2.03	88.63	2.30%	814
815 NSA (900)	31-MAY-75	1.82	89.99	2.03%	815
816 NSA (900)	24-MAY-75	.99	44.92	2.20%	816
817 NSA (900)	17-MAY-75	1.36	61.80	2.20%	817
818 NSA (900)	10-MAY-75	1.19	47.81	2.48%	818
819 NSA (900)	3-MAY-75	1.07	46.22	2.31%	819
8110 NSA (900)	26-APR-75*	.23	9.64	2.36%	8110
8111 NSA (900)	19-APR-75	1.37	36.42	3.77%	8111
8112 NSA (900)	12-APR-75	.85	39.95	2.12%	8112
8113 NSA (900)	5-APR-75*	.18	9.84	1.88%	8113
8114 NSA (900)	29-MAR-75	1.07	55.43	1.93%	8114
8115 NSA (900)	22-MAR-75	1.53	57.43	2.66%	8115

RADC's use of Office-1 in June 1975

8116 NSA (900)	15-MAR-75	.76	31.03	2.45%	8116
8117 NSA (900)	8-MAR-75	.68	27.94	2.43%	8117
8118 NSA (900)	1-MAR-75	.99	38.44	2.57%	8118
8119 NSA (900) 2.09%	22-FEB-75	.89	42.75		8119
8120 NSA (900) 1.89%	15-FEB-75	.57	30.09		8120
8121 NSA (900) 2.98%	8-FEB-75	1.14	38.27		8121
8122 NSA (900) 2.64%	1-FEB-75	1.87	70.95		8122
8123 NSA (900) 2.51%	25-JAN-75	1.64	65.41		8123
8124 NSA (900) 2.51%	18-JAN-75	1.07	42.55		8124
8125 NSA (900) 2.00%	12-JAN-75	.88	44.01		8125
8126 NSA (900) 2.53%	05-JAN-75	1.06	41.92		8126
8m NSRDC 05-JAN-75 thru 28-JUN-75		44.54	1599.70	2.78%	8m
8m1 NSRDC (200)	28-JUN-75	.78	35.17	2.21%	8m1
8m2 NSRDC (200)	21-JUN-75	1.27	44.77	2.85%	8m2
8m3 NSRDC (200)	14-JUN-75*	.80	35.63	2.25%	8m3
8m4 NSRDC (200)	7-JUN-75	1.94	59.09	3.28%	8m4
8m5 NSRDC (200)	31-MAY-75	1.88	58.48	3.22%	8m5
8m6 NSRDC (200)	24-MAY-75	2.22	65.85	3.38%	8m6
8m7 NSRDC (200)	17-MAY-75	3.38	99.16	3.41%	8m7
8m8 NSRDC (200)	10-MAY-75	4.00	106.32	3.76%	8m8
8m9 NSRDC (200)	3-MAY-75	3.30	93.43	3.53%	8m9

8m10 NSRDC (200)	26-APR-75*	.72	24.90	2.90%	8m10
8m11 NSRDC (200)	19-APR-75	2.84	67.18	4.23%	8m11
8m12 NSRDC (200)	12-APR-75	1.30	47.49	2.74%	8m12
8m13 NSRDC (200)	5-APR-75*	.51	21.51	2.36%	8m13
8m14 NSRDC (200)	29-MAR-75	1.40	57.26	2.44%	8m14
8m15 NSRDC (200)	22-MAR-75	2.44	93.76	2.60%	8m15
8m16 NSRDC (200)	15-MAR-75	1.85	70.65	2.61%	8m16
8m17 NSRDC (200)	8-MAR-75	2.26	86.69	2.61%	8m17
8m18 NSRDC (200)	1-MAR-75	1.84	74.19	2.48%	8m18
8m19 NSRDC (200) 2.48%	22-FEB-75	1.53	61.56		8m19
8m20 NSRDC (200) 2.07%	15-FEB-75	1.08	52.22		8m20
8m21 NSRDC (200) 2.19%	8-FEB-75	1.27	57.90		8m21
8m22 NSRDC (200) 1.74%	1-FEB-75	.57	32.69		8m22
8m23 NSRDC (200) 2.21%	25-JAN-75	.74	33.51		8m23
8m24 NSRDC (200) 2.07%	18-JAN-75	1.89	91.16		8m24
8m25 NSRDC (200) 2.40%	12-JAN-75	1.33	55.52		8m25
8m26 NSRDC (200) 1.90%	05-JAN-75	1.40	73.61		8m26
8n RADC 05-JAN-75 thru 28-JUN-75		96.95	3443.27	2.82%	8n
8n1 RADC (400)	28-JUN-75	4.42	166.31	2.66%	8n1
8n2 RADC (400)	21-JUN-75	4.33	145.63	2.97%	8n2
8n3 RADC (400)	14-JUN-75*	1.56	70.90	2.21%	8n3

RADC's use of Office-1 in June 1975

8n4 RADC (400)	7-JUN-75	4.97	175.14	2.84%	8n4
8n5 RADC (400)	31-MAY-75	3.02	104.31	2.89%	8n5
8n6 RADC (400)	24-MAY-75	3.89	116.08	3.35%	8n6
8n7 RADC (400)	17-MAY-75	3.95	128.74	3.07%	8n7
8n8 RADC (400)	10-MAY-75	2.72	87.63	3.10%	8n8
8n9 RADC (400)	3-MAY-75	4.04	154.84	2.61%	8n9
8n10 RADC (400)	26-APR-75*	2.36	72.88	3.24%	8n10
8n11 RADC (400)	19-APR-75	3.84	135.16	2.84%	8n11
8n12 RADC (400)	12-APR-75	2.77	96.45	2.87%	8n12
8n13 RADC (400)	5-APR-75*	.81	32.50	2.48%	8n13
8n14 RADC (400)	29-MAR-75	6.30	196.10	3.21%	8n14
8n15 RADC (400)	22-MAR-75	5.64	165.12	3.42%	8n15
8n16 RADC (400)	15-MAR-75	6.23	172.73	3.61%	8n16
8n17 RADC (400)	8-MAR-75	5.68	204.33	2.78%	8n17
8n18 RADC (400)	1-MAR-75	4.14	159.80	2.59%	8n18
8n19 RADC (400) 2.40%	22-FEB-75	3.96	164.76		8n19
8n20 RADC (400) 2.11%	15-FEB-75	3.98	188.68		8n20
8n21 RADC (400) 4.02%	8-FEB-75	5.47	136.06		8n21
8n22 RADC (400) 2.16%	1-FEB-75	3.22	149.30		8n22
8n23 RADC (400) 2.41%	25-JAN-75	3.66	151.81		8n23
8n24 RADC (400) 1.96%	18-JAN-75	2.19	111.70		8n24

8n25 RADC (400) 2.58%	12-JAN-75	2.30	89.17		8n25
8n26 RADC (400) 2.23%	05-JAN-75	1.50	67.14		8n26
8o SRI 05-JAN-75 thru 28-JUN-75		37.36	1040.52	3.59%	8o
8o1 SRI (700)	28-JUN-75	1.07	30.03	3.57%	8o1
8o2 SRI (700)	21-JUN-75	1.75	45.61	3.85%	8o2
8o3 SRI (700)	14-JUN-75*	1.11	31.49	3.52%	8o3
8o4 SRI (700)	7-JUN-75	3.53	43.73	8.07%	8o4
8o5 SRI (700)	31-MAY-75	2.61	57.92	4.51%	8o5
8o6 SRI (700)	24-MAY-75	1.54	44.12	3.49%	8o6
8o7 SRI (700)	17-MAY-75	1.67	52.10	3.21%	8o7
8o8 SRI (700)	10-MAY-75	1.78	52.69	3.38%	8o8
8o9 SRI (700)	3-MAY-75	1.67	45.67	3.66%	8o9
8o10 SRI (700)	26-APR-75*	.80	25.28	3.16%	8o10
8o11 SRI (700)	19-APR-75	1.73	67.33	2.57%	8o11
8o12 SRI (700)	12-APR-75	1.10	41.18	2.67%	8o12
8o13 SRI (700)	5-APR-75*	.07	2.91	2.41%	8o13
8o14 SRI (700)	29-MAR-75	.95	35.94	2.66%	8o14
8o15 SRI (700)	22-MAR-75	2.29	64.05	3.58%	8o15
8o16 SRI (700)	15-MAR-75	1.95	56.13	3.48%	8o16
8o17 SRI (700)	8-MAR-75	1.99	55.70	3.57%	8o17
8o18 SRI (700)	1-MAR-75	1.00	29.23	3.43%	8o18
8o19 SRI (700) 1.53%	22-FEB-75	.40	26.19		8o19
8o20 SRI (700) 3.50%	15-FEB-75	1.22	34.85		8o20

RADC's use of Office-1 in June 1975

8o21 SRI (700) 3.97%	8-FEB-75	1.74	43.86	8o21
8o22 SRI (700) 3.90%	1-FEB-75	1.11	28.46	8o22
8o23 SRI (700) 3.55%	25-JAN-75	1.06	29.85	8o23
8o24 SRI (700) 3.40%	18-JAN-75	1.04	30.63	8o24
8o25 SRI (700) 2.25%	12-JAN-75	.62	27.53	8o25
8o26 SRI (700) 4.10%	05-JAN-75	1.56	38.04	8o26

8p * indicates incorrect data. See News Section <5:w> for
details.   8p

RADC's use of Office-1 in June 1975

(J32917) 7-JUL-75 15:26;;;;   Title: Author(s): Raymond R. Panko,
James C. Norton/RA3Y JCN; Distribution: /DLS([INFO-ONLY]) PAW2([
INFO-ONLY]) ; Sub-Collections: SRI-ARC NIC; Clerk: RA3Y;
Origin: < PANKO, REPORT.NLS;1, >, 7-JUL-75 08:29 RA3Y ;;;;####;

RETRIEVE user-subsystem

Here is the first cut at documenting the Retrieve user-subsystem, its a powerful tool that you may have use for...Your comments and suggestions would be appreciated.

1 PROGRAM: RTREVE.SUBSYS...Keyword= RETRIEVE   1

2 FOR HELP OR ASSISTANCE: Glenn Sherwood ext. 2171 (IDENT=GAS2)   2

   2a Note: If possible a introductory session is advised before
   attempting to use. The following is strictly an introductory
   discussion of Retrieve and does not attempt to explore all of its
   power and flexibility...more experience is needed for a more
   complete description. This should however, get you safely
   started. Retrieve is NOT supported by ARC, access to and/or a
   copy of Retrieve will be provided upon request.   2a

3 DESCRIPTION: 3

   3a This subsystem provides the capability to filter and retrieve
   file structure (ajoining statments) in conjunction with a
   seperately compiled Content Pattern. It has the flexibility to
   reconize a specific text pattern at any level and to retrieve not
   only the statment with the text pattern (as is true of Content
   Pattern), but also all those statments above and below it within
   the same branch...In other words it provides a Structure
   filter/pattern with the Content Pattern. This structure filter is
   described to Retrieve in the form of familial relationships to the
   Target statment (scanned for Content Pattern statment). The
   syntax of the Retrieve commands provides for ranges of levels in
   the form of "from level"..."through level"...Thus, one is provided
   with the additional flexibility to specify a whole range of levels
   above and below the sought after Target statment.   3a

   3b There are functionally three stages within Retrieve and they
   should be used in the following sequence   3b

   3c 1) SETTING THE LEVEL for the Target statment scan and there is
   one instruction for this ...Set Filter Level VIEWSPEC
   (x,xb,xbb,etc.,). Now this will save the system from scanning all
   levels within the file for the specified text pattern. This
   should always be used since the alternative is costly and one
   should know this before using Retrieve.   3c

   3d 2) DESCRIBING THE STRUCTURE in relation to the the Target
   statment. There are four unique relationships that one can ACCEPT
   or REFUSE (ie pass or not with the target statment) and this will
   depend upon the particular Retrieve verb used. As is true of most
   of NLS, one can do the same thing several different ways, suffice
   to say the most concise structure specification is the best.   3d

      3d1 FATHERS = level(s) directly above the Target statment.   3d1

      3d2 AUNTS = levels above the Target statment, but not directly.   3d2

3d3 BROTHERS = same level as the Target statment. 3d3

3d4 DAUGHTERS = level(s) below the Target statment 3d4

3e 3) RETRIEVE VERBS to implement the retrieval with the above
specifications. There are three verbs COPY, MOVE, and DELETE
which use the same syntax and do the same thing as in NLS with the
important difference that they work with a content filter and a
structure filter. 3e

3f An example will probably best illustrate Retrieve's utility and
use...Recently the PDG application found need to filter out-dated
data from a couple of very large files. The unit of data was a
structured branch of 4 statments at 3 different levels, the lowest
level contained the dates which were to key retrieval of the
entire branch (ie current proposals 1974-75). Below is an
annotated data sample : 3f

3g (AGENCY)AB   (level "x"
FATHER=from)   3g

   3g1 (CLIENT)USACDC, FT BELVOIR, VA   (level "xb" AUNTS)
   ARMY DIRECT AERIAL FIRE SUPPORT SYSTEM MID-   3g1

   3g2 (ORG)0840   (level "xb"
   FATHER=to)
   EMANSKI J J
   71078   3g2

      3g2a (ST-DATE)05-19-71   (level "xbb" TARGET
      statment)
      06-15-71
      B   3g2a

3h As you can see from the above sample the Target statment is the
only statment at that level (xbb) and there are no statments
nested below it so we didn't have to concern ourselves with
BROTHERS and DAUGHTERS...this time. If we were to key on the org
code as the Target statment we would have a whole new family.
What follows is the Process Commands Branch that was developed to
copy only current data from PDG's files into a new file. This
will give you a more complete picture and some sense of the
sequence necessary for running Retrieve. * = comments 3h

3i (pdgfilter) 3i

   3i1 *Commands branch title 3i1

3j exec prog dele all 3j

3j1 *Delete everything from your program buffer...(clean start)   3j1

3k set cont to   [2D '= "74" / 2D '= "75"]   3k

   3k1 *Compile Content filter pattern (into your program buffer) 3k1

3l exec prog load prog rtreve.subsys   3l

   3l1 *Load the Retrieve subsystem (into your program buffer)   3l1

3m crea file pdg   3m

   3m1 *Create a file to copy the wanted data into   3m1

3n goto retrieve ....*Start of Retrieve Commands   3n

   3n1 *Goto the retrieve subsystem   3n1

3o set filt level xbb,.............*Set the content filter
level   3o

   3o1 *Scan only level "xbb" for the Content Pattern   3o1

3p acce fath xxb..................*Define the structure filter   3p

   3p1 *Accept Fathers - (statments above the scanned level) from
"x" (top level) to "xb" (the next level down)...Since the
statment that is scanned for is at "xbb" the legitimate Father
is only level "xb" but the flexibility of the range
specification of levels allows us to pass/accept both
Grandfathers and Fathers.   3p1

3q acce aunt xbxb   3q

   3q1 *Accept Aunts - all statments within the branch at the same
level as the scanned for statments' Father...his sisters, your
aunts ("xb").   3q1

3r copy plex O'Keefe, pdgdata.nls;3, 1 pdg, ...*Do it to it   3r

   3r1 *Copy (retrieve verb) those branches from source file to
destination using the specified filters   3r1

3s quit ....*End of Retrieve, quiting   3s

3t upda file comp   3t

   3t1 *Update File Compact newly created file with filtered data 3t1

4 This actually worked! The flexibility that Retrieve provides is
very handy, not to mention confusing, once you get the hang of it.
This subsystem is NOT supported by ARC so please address your
questions to me directly.   The intent of this document has been to
provide you enough information to determine wether you have use for
such a tool and I still suggest a quick introductory session if you
do want to use it. For those of you who want to get down to the
nitty of it....   4

5 What follows are excerpts from the source file of the Retrieve
Subsystem which show the complete repetoire of instructions.   5

6 % COMMON RULES %   6

   6a % ENTITY DEFINITIONS %   6a

      6a1 editentity = textent / structure;   6a1

   6b % TEXT ENTITY DEFINITIONS %   6b

      6b1 textent = text1 / "TEXT" / "LINK";   6b1

      6b2 text1 = "CHARACTER" / "WORD" / "VISIBLE" / "INVISIBLE" /
      "NUMBER";   6b2

   6c % STRUCTURE ENTITY DEFINITIONS %   6c

      6c1 structure = "STATEMENT" / notstatement;   6c1

      6c2 notstatement = "GROUP" / "BRANCH" / "PLEX" ;   6c2

7 % NLS INFORMATION RETRIEVAL COMMANDS %   7

   7a   SUBSYSTEM rtreve KEYWORD "RETRIEVE"   7a

   7b INITIALIZATION   7b

   7c COMMAND % accept %   7c

      7c1 zraccept =   7c1

         7c1a "ACCEPT"   7c1a

            7c1a1 ("STATEMENT" <"that Passes Filter">   7c1a1

               7c1a1a CONFIRM xrsflp(TRUE)   7c1a1a

            7c1a2 / "DAUGHTERS"   7c1a2

```
          7c1a2a <"from level"> dest _ VIEWSPECS                7c1a2a

          7c1a2b <"to level"> vs _ VIEWSPECS                    7c1a2b

          7c1a2c CONFIRM xrsdvs( dest, vs)                      7c1a2c

        7c1a3 / "BROTHERS"                                      7c1a3

          7c1a3a <"from level"> dest _ VIEWSPECS                7c1a3a

          7c1a3b <"to level"> vs _ VIEWSPECS                    7c1a3b

          7c1a3c CONFIRM xrssvs( dest, vs)                      7c1a3c

        7c1a4 / "FATHERS"                                       7c1a4

          7c1a4a <"from level"> dest _ VIEWSPECS                7c1a4a

          7c1a4b <"to level"> vs _ VIEWSPECS                    7c1a4b

          7c1a4c CONFIRM xrsfvs( dest, vs)                      7c1a4c

        7c1a5 / "AUNTS"                                         7c1a5

          7c1a5a <"from level"> dest _ VIEWSPECS                7c1a5a

          7c1a5b <"to level"> vs _ VIEWSPECS                    7c1a5b

          7c1a5c CONFIRM xrsuvs( dest, vs)                      7c1a5c

        7c1a6 );                                                7c1a6

  7d COMMAND %copy%                                             7d

    7d1 zrcopy =                                                7d1

      7d1a "COPY"                                               7d1a

        7d1a1 sent_NULL dent_NULL dest_NULL level_NULL
        source_NULL                                             7d1a1

        7d1a2 ( sent _ notstatement                             7d1a2

          7d1a2a rcopy1                                         7d1a2a

          7d1a2b dent _ #"STATEMENT"                            7d1a2b

          7d1a2c dest _ DSEL(dent)                              7d1a2c
```

```
                    7d1a2d level _ LEVADJ                              7d1a2d

          7d1a3 )                                                      7d1a3

          7d1a4 CONFIRM                                                7d1a4

          7d1a5 xrcopy(sent, source, dent, dest, level);              7d1a5

      7d2 rcopy1 =                                                     7d2

        7d2a <"from"> source _ SSEL(sent)                             7d2a

        7d2b <"to follow">;                                            7d2b

  7e COMMAND %delete%                                                  7e

    7e1 zrdelete =                                                     7e1

      7e1a "DELETE"                                                    7e1a

        7e1a1 ent _ notstatement                                      7e1a1

          7e1a1a <"at"> dest _ DSEL(ent)                              7e1a1a

        7e1a2 CONFIRM                                                  7e1a2

        7e1a3 xrdelete(ent, dest);                                    7e1a3

  7f COMMAND %move%                                                    7f

    7f1 zrmove =                                                       7f1

      7f1a "MOVE"                                                      7f1a

        7f1a1 sent_NULL dent_NULL dest_NULL level_NULL
        source_NULL                                                    7f1a1

        7f1a2 ( sent _ notstatement                                   7f1a2

          7f1a2a rcopy1                                                7f1a2a

          7f1a2b dent _ #"STATEMENT"                                  7f1a2b

          7f1a2c dest _ DSEL(dent)                                    7f1a2c

          7f1a2d level _ LEVADJ                                       7f1a2d

        7f1a3 )                                                        7f1a3
```

```
        7f1a4 CONFIRM                                              7f1a4

        7f1a5 xrmove(sent, source, dent, dest, level);           7f1a5

7g COMMAND %refuse%                                                7g

    7g1 zrrefuse =                                                 7g1

        7g1a "REFUSE"                                              7g1a

        7g1a1 ( "STATEMENT" <"that Passes Filter">               7g1a1

            7g1a1a CONFIRM xrsflp( FALSE )                        7g1a1a

        7g1a2 / "DAUGHTERS"                                       7g1a2

            7g1a2a CONFIRM xrsdvs( FALSE, FALSE)                  7g1a2a

        7g1a3 / "BROTHERS"                                        7g1a3

            7g1a3a CONFIRM xrssvs( FALSE, FALSE)                  7g1a3a

        7g1a4 / "FATHERS"                                         7g1a4

            7g1a4a CONFIRM xrsfvs( FALSE, FALSE)                  7g1a4a

        7g1a5 / "AUNTS"                                           7g1a5

            7g1a5a CONFIRM xrsuvs( FALSE, FALSE)                  7g1a5a

        7g1a6 );                                                  7g1a6

7h COMMAND %set%                                                  7h

    7h1 zset =                                                    7h1

        7h1a "SET"                                                7h1a

        7h1b param _ NULL  param2 _ NULL                          7h1b

        7h1c ent _ "FILTER"                                       7h1c

        7h1c1 ( param _ "TO" <"pattern">                         7h1c1

            7h1c1a param2 _ LSEL( #"CHARACTER" )                 7h1c1a

            7h1c1b CONFIRM xrset( ent, param, param2 )           7h1c1b

        7h1c2 / param _ "LEVEL" <"to">                           7h1c2
```

RETRIEVE user-subsystem

        7h1c2a vs _ VIEWSPECS   7h1c2a

        7h1c2b CONFIRM xrsvs(vs)   7h1c2b

     7h1c3);   7h1c3

71 END.   71

RETRIEVE user-subsystem

(J32919) 7-JUL-75 15:45;;;;   Title: Author(s): Glenn A.
Sherwood/GAS2; Distribution: /SRIUU([ACTION]) KWAC([INFO-ONLY])
MAP2([INFO-ONLY]) ; Sub-Collections: NIC SRIUU KWAC; Clerk: GAS2;
Origin: < SHERWOOD, RETRIEVE.NLS;1, >, 7-JUL-75 15:21 GAS2 ;;;;####;

1 32919 Distribution

1a Reddy Dively, Pamela G. Kruzic, Roger W. Hough, Charleen F. McDaniel, Glenn A. Sherwood, Maria C. Scott, Steve D. Port, Kathey L. Mabrey, Pat Whiting O'Keefe, Carolyn A. Grimm, Glenn A. Sherwood, Kathey L. Mabrey, Jeanne M. Beck, David A. Potter, Robert N. Lieberman, Terry H. Proch, Ronald P. Uhlig, Susan Gail Roetter, Michael A. Placko, Stanley (Stan) M. Taylor, Elizabeth J. Feinler, Rudy L. Ruggles, Frank G. Brignoli, Robert M. Sheppard, Richard W. Watson, Douglas C. Engelbart, James C. Norton, James H. Bair, Duane L. Stone, Inez M. Mattiuz, Connie K. McLindon, Michael A. Placko,

Weekly Stats for APR & JUN

Includes Summaries by individual.

Weekly Stats for APR & JUN

1					1
2 (CALICCHIA)	05APR--06JUN	.00	.00		2
3 (FEMIA)	05APR--06JUN	.00	.00		3
4 (LOMBARDO)	05APR--06JUN	.00	.00		4
5 (MCLEAN)	05APR--06JUN	.00	.00		5
6 (RUPLE)	05APR--06JUN	.00	.00		6
7 (WEBER)	05APR--06JUN	.00	.00		7
8 (WWMMCS)	05APR--06JUN	.00	.00		8
9 (DIMAGGIO)	05APR--06JUN	.01	.29		9
10 (KESSELMAN)	05APR--06JUN	.00	.29		10
11 (VANALSTINE)	05APR--06JUN	.10	2.19		11
12 (PATTERSON)	05APR--06JUN	.05	2.65		12
13 (BUCCIERO)	05APR--06JUN	.08	2.80		13
14 (STINSON)	05APR--06JUN	.09	2.81		14
15 (NELSON)	05APR--06JUN	.08	3.86		15
16 (BARNUM)	05APR--06JUN	.09	3.91		16
17 (MCNAMARA)	05APR--06JUN	.09	7.77		17
18 (LORETO)	05APR--06JUN	.31	8.94		18
19 (HILBING)	05APR--06JUN	.23	10.06		19
20 (IUORNO)	05APR--06JUN	.27	10.11		20
21 (RWALKER)	05APR--06JUN	.18	11.95		21
22 (BERGSTROM)	05APR--06JUN	.50	18.22		22
23 (SLIWA)	05APR--06JUN	.59	21.59		23
24 (LIUZZI)	05APR--06JUN	.30	24.27		24
25 (WINGFIELD)	05APR--06JUN	.63	25.68		25

TIME USED IN HOURS   CPU CONNECT

			CPU	CONNECT	
26	(LAFORGE)	05APR--06JUN	1.09	33.76	26
27	(KRUTZ)	05APR--06JUN	.93	44.29	27
28	(CAVANO)	05APR--06JUN	1.45	53.79	28
29	(RZEPKA)	05APR--06JUN	1.48	55.06	29
30	(PANARA)	05APR--06JUN	2.19	61.64	30
31	(TOMAINI)	05APR--06JUN	1.75	67.68	31
32	(LAWRENCE)	05APR--06JUN	2.79	78.73	32
33	(STONE)	05APR--06JUN	3.88	108.71	33
34	(CARRIER)	05APR--06JUN	3.74	110.44	34
35	(KENNEDY)	05APR--06JUN	6.05	158.02	35
36	(RADC)	05APR--06JUN	30.48	928.59	36
37	(CALICCHIA)	05APR--06JUN	.00	.00	37
	37a CALICCHIA	31-MAY-75	.00	.00	37a
	37b CALICCHIA	24-MAY-75	.00	.00	37b
	37c CALICCHIA	17-MAY-75	.00	.00	37c
	37d CALICCHIA	10-MAY-75	.00	.00	37d
	37e CALICCHIA	3-MAY-75	.00	.00	37e
	37f CALICCHIA	26-APR-75	.00	.00	37f
	37g CALICCHIA	19-APR-75	.00	.00	37g
	37h CALICCHIA	12-APR-75	.00	.00	37h
	371 CALICCHIA	5-APR-75	.00	.00	371
38	(FEMIA)	05APR--06JUN	.00	.00	38
	38a FEMIA	31-MAY-75	.00	.00	38a
	38b FEMIA	24-MAY-75	.00	.00	38b
	38c FEMIA	17-MAY-75	.00	.00	38c

38d FEMIA	10-MAY-75	.00	.00		38d
38e FEMIA	3-MAY-75	.00	.00		38e
38f FEMIA	26-APR-75	.00	.00		38f
38g FEMIA	19-APR-75	.00	.00		38g
38h FEMIA	12-APR-75	.00	.00		38h
38i FEMIA	5-APR-75	.00	.00		38i
39 (LOMBARDO)	05APR--06JUN	.00	.00		39
39a LOMBARDO	31-MAY-75	.00	.00		39a
39b LOMBARDO	24-MAY-75	.00	.00		39b
39c LOMBARDO	17-MAY-75	.00	.00		39c
39d LOMBARDO	10-MAY-75	.00	.00		39d
39e LOMBARDO	3-MAY-75	.00	.00		39e
39f LOMBARDO	26-APR-75	.00	.00		39f
39g LOMBARDO	19-APR-75	.00	.00		39g
39h LOMBARDO	12-APR-75	.00	.00		39h
39i LOMBARDO	5-APR-75	.00	.00		39i
40 (MCLEAN)	05APR--06JUN	.00	.00		40
40a MCLEAN	31-MAY-75	.00	.00		40a
40b MCLEAN	24-MAY-75	.00	.00		40b
40c MCLEAN	17-MAY-75	.00	.00		40c
40d MCLEAN	10-MAY-75	.00	.00		40d
40e MCLEAN	3-MAY-75	.00	.00		40e
40f MCLEAN	26-APR-75	.00	.00		40f
40g MCLEAN	19-APR-75	.00	.00		40g
40h MCLEAN	12-APR-75	.00	.00		40h

TIME USED IN HOURS   CPU CONNECT

401 MCLEAN	5-APR-75	.00	.00		401
41 (RUPLE)	05APR--06JUN	.00	.00		41
41a RUPLE	31-MAY-75	.00	.00		41a
41b RUPLE	24-MAY-75	.00	.00		41b
41c RUPLE	17-MAY-75	.00	.00		41c
41d RUPLE	10-MAY-75	.00	.00		41d
41e RUPLE	3-MAY-75	.00	.00		41e
41f RUPLE	26-APR-75	.00	.00		41f
41g RUPLE	19-APR-75	.00	.00		41g
41h RUPLE	12-APR-75	.00	.00		41h
41i RUPLE	5-APR-75	.00	.00		41i
42 (WEBER)	05APR--06JUN	.00	.00		42
42a WEBER	31-MAY-75	.00	.00		42a
42b WEBER	24-MAY-75	.00	.00		42b
42c WEBER	17-MAY-75	.00	.00		42c
42d WEBER	10-MAY-75	.00	.00		42d
42e WEBER	3-MAY-75	.00	.00		42e
42f WEBER	26-APR-75	.00	.00		42f
42g WEBER	19-APR-75	.00	.00		42g
42h WEBER	12-APR-75	.00	.00		42h
42i WEBER	5-APR-75	.00	.00		42i
43 (WWMMCS)	05APR--06JUN	.00	.00		43
43a WWMMCS	31-MAY-75	.00	.00		43a
43b WWMMCS	24-MAY-75	.00	.00		43b
43c WWMMCS	17-MAY-75	.00	.00		43c

TIME USED IN HOURS   CPU   CONNECT

			CPU	CONNECT	
43d	WWMMCS	10-MAY-75	.00	.00	43d
43e	WWMMCS	3-MAY-75	.00	.00	43e
43f	WWMMCS	26-APR-75	.00	.00	43f
43g	WWMMCS	19-APR-75	.00	.00	43g
43h	WWMMCS	12-APR-75	.00	.00	43h
43i	WWMMCS	5-APR-75	.00	.00	43i
44 (DIMAGGIO)		05APR--06JUN	.01	.29	44
44a	DIMAGGIO	31-MAY-75	.00	.00	44a
44b	DIMAGGIO	24-MAY-75	.00	.00	44b
44c	DIMAGGIO	17-MAY-75	.00	.00	44c
44d	DIMAGGIO	10-MAY-75	.00	.00	44d
44e	DIMAGGIO	3-MAY-75	.00	.00	44e
44f	DIMAGGIO	26-APR-75	.01	.29	44f
44g	DIMAGGIO	19-APR-75	.00	.00	44g
44h	DIMAGGIO	12-APR-75	.00	.00	44h
44i	DIMAGGIO	5-APR-75	.00	.00	44i
45 (KESSELMAN)		05APR--06JUN	.00	.29	45
45a	KESSELMAN	31-MAY-75	.00	.00	45a
45b	KESSELMAN	24-MAY-75	.00	.00	45b
45c	KESSELMAN	17-MAY-75	.00	.00	45c
45d	KESSELMAN	10-MAY-75	.00	.00	45d
45e	KESSELMAN	3-MAY-75	.00	.00	45e
45f	KESSELMAN	26-APR-75	.00	.00	45f
45g	KESSELMAN	19-APR-75	.00	.00	45g
45h	KESSELMAN	12-APR-75	.00	.29	45h

TIME USED IN HOURS   CPU   CONNECT

			CPU	CONNECT	
45i	KESSELMAN	5-APR-75	.00	.00	451
46	(VANALSTINE)	05APR--06JUN	.10	2.19	46
46a	VANALSTINE	31-MAY-75	.02	.51	46a
46b	VANALSTINE	24-MAY-75	.00	.00	46b
46c	VANALSTINE	17-MAY-75	.00	.00	46c
46d	VANALSTINE	10-MAY-75	.00	.00	46d
46e	VANALSTINE	3-MAY-75	.01	.15	46e
46f	VANALSTINE	26-APR-75	.03	.41	46f
46g	VANALSTINE	19-APR-75	.04	1.12	46g
46h	VANALSTINE	12-APR-75	.00	.00	46h
46i	VANALSTINE	5-APR-75	.00	.00	46i
47	(PATTERSON)	05APR--06JUN	.05	2.65	47
47a	PATTERSON	31-MAY-75	.00	.00	47a
47b	PATTERSON	24-MAY-75	.00	.00	47b
47c	PATTERSON	17-MAY-75	.00	.00	47c
47d	PATTERSON	10-MAY-75	.01	.45	47d
47e	PATTERSON	3-MAY-75	.02	1.29	47e
47f	PATTERSON	26-APR-75	.00	.00	47f
47g	PATTERSON	19-APR-75	.01	.37	47g
47h	PATTERSON	12-APR-75	.01	.54	47h
47i	PATTERSON	5-APR-75	.00	.00	47i
48	(BUCCIERO)	05APR--06JUN	.08	2.80	48
48a	BUCCIERO	31-MAY-75	.01	.44	48a
48b	BUCCIERO	24-MAY-75	.00	.00	48b
48c	BUCCIERO	17-MAY-75	.00	.00	48c

TIME USED IN HOURS   CPU   CONNECT

48d BUCCIERO	10-MAY-75	.00	.00		48d
48e BUCCIERO	3-MAY-75	.00	.00		48e
48f BUCCIERO	26-APR-75	.00	.00		48f
48g BUCCIERO	19-APR-75	.01	.18		48g
48h BUCCIERO	12-APR-75	.06	2.18		48h
48i BUCCIERO	5-APR-75	.00	.00		48i
49 (STINSON)	05APR--06JUN	.09	2.81		49
49a STINSON	31-MAY-75	.01	.20		49a
49b STINSON	24-MAY-75	.01	.13		49b
49c STINSON	17-MAY-75	.01	.61		49c
49d STINSON	10-MAY-75	.01	.34		49d
49e STINSON	3-MAY-75	.01	.24		49e
49f STINSON	26-APR-75	.01	.43		49f
49g STINSON	19-APR-75	.01	.31		49g
49h STINSON	12-APR-75	.01	.42		49h
49i STINSON	5-APR-75	.00	.00		49i
50 (NELSON)	05APR--06JUN	.08	3.86		50
50a NELSON	31-MAY-75	.00	.12		50a
50b NELSON	24-MAY-75	.02	.58		50b
50c NELSON	17-MAY-75	.00	.00		50c
50d NELSON	10-MAY-75	.02	1.80		50d
50e NELSON	3-MAY-75	.01	.57		50e
50f NELSON	26-APR-75	.00	.00		50f
50g NELSON	19-APR-75	.01	.21		50g
50h NELSON	12-APR-75	.00	.00		50h

TIME USED IN HOURS   CPU CONNECT

501	NELSON	5-APR-75	.00	.00	501
51	(BARNUM)	05APR--06JUN	.09	3.91	51
51a	BARNUM	31-MAY-75	.01	.23	51a
51b	BARNUM	24-MAY-75	.01	.08	51b
51c	BARNUM	17-MAY-75	.00	.02	51c
51d	BARNUM	10-MAY-75	.03	2.13	51d
51e	BARNUM	3-MAY-75	.02	.64	51e
51f	BARNUM	26-APR-75	.01	.39	51f
51g	BARNUM	19-APR-75	.01	.38	51g
51h	BARNUM	12-APR-75	.00	.04	51h
511	BARNUM	5-APR-75	.00	.00	511
52	(MCNAMARA)	05APR--06JUN	.09	7.77	52
52a	MCNAMARA	31-MAY-75	.00	.10	52a
52b	MCNAMARA	24-MAY-75	.00	.00	52b
52c	MCNAMARA	17-MAY-75	.04	3.28	52c
52d	MCNAMARA	10-MAY-75	.01	1.69	52d
52e	MCNAMARA	3-MAY-75	.00	.25	52e
52f	MCNAMARA	26-APR-75	.02	1.13	52f
52g	MCNAMARA	19-APR-75	.01	.43	52g
52h	MCNAMARA	12-APR-75	.01	.89	52h
521	MCNAMARA	5-APR-75	.00	.02	521
53	(LORETO)	05APR--06JUN	.31	8.94	53
53a	LORETO	31-MAY-75	.01	.51	53a
53b	LORETO	24-MAY-75	.01	.10	53b
53c	LORETO	17-MAY-75	.01	.14	53c

TIME USED IN HOURS   CPU   CONNECT

53d	LORETO	10-MAY-75	.19	6.10	53d
53e	LORETO	3-MAY-75	.05	1.43	53e
53f	LORETO	26-APR-75	.01	.15	53f
53g	LORETO	19-APR-75	.01	.20	53g
53h	LORETO	12-APR-75	.01	.21	53h
53i	LORETO	5-APR-75	.00	.00	53i
54 (HILBING)		05APR--06JUN	.23	10.06	54
54a	HILBING	31-MAY-75	.01	.14	54a
54b	HILBING	24-MAY-75	.02	.55	54b
54c	HILBING	17-MAY-75	.11	6.62	54c
54d	HILBING	10-MAY-75	.01	.16	54d
54e	HILBING	3-MAY-75	.02	.80	54e
54f	HILBING	26-APR-75	.01	.30	54f
54g	HILBING	19-APR-75	.02	.54	54g
54h	HILBING	12-APR-75	.01	.40	54h
54i	HILBING	5-APR-75	.00	.06	54i
55 (IUORNO)		05APR--06JUN	.27	10.11	55
55a	IUORNO	31-MAY-75	.01	.27	55a
55b	IUORNO	24-MAY-75	.03	1.40	55b
55c	IUORNO	17-MAY-75	.01	.40	55c
55d	IUORNO	10-MAY-75	.01	.34	55d
55e	IUORNO	3-MAY-75	.01	.44	55e
55f	IUORNO	26-APR-75	.02	.49	55f
55g	IUORNO	19-APR-75	.11	3.65	55g
55h	IUORNO	12-APR-75	.04	1.72	55h

551 IUORNO	5-APR-75	.00	.00		551
56 (RWALKER)	05APR--06JUN	.18	11.95		56
56a RWALKER	31-MAY-75	.05	5.93		56a
56b RWALKER	24-MAY-75	.02	1.19		56b
56c RWALKER	17-MAY-75	.07	2.63		56c
56d RWALKER	10-MAY-75	.02	1.01		56d
56e RWALKER	3-MAY-75	.00	.00		56e
56f RWALKER	26-APR-75	.00	.00		56f
56g RWALKER	19-APR-75	.00	.00		56g
56h RWALKER	12-APR-75	.00	.00		56h
56i RWALKER	5-APR-75	.00	.00		56i
57 (BERGSTROM)	05APR--06JUN	.50	18.22		57
57a BERGSTROM	24-MAY-75	.08	2.08		57a
57b BERGSTROM	17-MAY-75	.10	2.51		57b
57c BERGSTROM	10-MAY-75	.00	.09		57c
57d BERGSTROM	3-MAY-75	.05	2.29		57d
57e BERGSTROM	26-APR-75	.14	4.48		57e
57f BERGSTROM	19-APR-75	.10	4.89		57f
57g BERGSTROM	12-APR-75	.03	1.88		57g
57h BERGSTROM	5-APR-75	.00	.00		57h
58 (SLIWA)	05APR--06JUN	.59	21.59		58
58a SLIWA	31-MAY-75	.00	.00		58a
58b SLIWA	24-MAY-75	.12	3.02		58b
58c SLIWA	17-MAY-75	.14	3.13		58c
58d SLIWA	10-MAY-75	.07	3.34		58d

58e SLIWA	3-MAY-75	.05	3.58		58e
58f SLIWA	26-APR-75	.07	4.77		58f
58g SLIWA	19-APR-75	.01	.38		58g
58h SLIWA	12-APR-75	.01	.35		58h
58i SLIWA	5-APR-75	.00	.00		58i
59 (LIUZZI)	05APR--06JUN	.30	24.27		59
59a LIUZZI	31-MAY-75	.03	1.56		59a
59b LIUZZI	24-MAY-75	.00	.00		59b
59c LIUZZI	17-MAY-75	.03	2.28		59c
59d LIUZZI	10-MAY-75	.07	3.17		59d
59e LIUZZI	3-MAY-75	.05	11.43		59e
59f LIUZZI	26-APR-75	.03	2.73		59f
59g LIUZZI	19-APR-75	.03	1.09		59g
59h LIUZZI	12-APR-75	.06	2.01		59h
59i LIUZZI	5-APR-75	.05	5.56		59i
60 (WINGFIELD)	05APR--06JUN	.63	25.68		60
60a WINGFIELD	31-MAY-75	.19	6.84		60a
60b WINGFIELD	24-MAY-75	.01	.22		60b
60c WINGFIELD	17-MAY-75	.12	4.79		60c
60d WINGFIELD	10-MAY-75	.06	2.50		60d
60e WINGFIELD	3-MAY-75	.12	5.80		60e
60f WINGFIELD	26-APR-75	.06	3.55		60f
60g WINGFIELD	19-APR-75	.03	1.10		60g
60h WINGFIELD	12-APR-75	.03	.66		60h
60i WINGFIELD	5-APR-75	.02	.75		60i

TIME USED IN HOURS   CPU   CONNECT

61 (LAFORGE)	05APR--06JUN	1.09	33.76		61
61a LAFORGE	31-MAY-75	.27	7.48		61a
61b LAFORGE	24-MAY-75	.09	3.03		61b
61c LAFORGE	17-MAY-75	.29	7.91		61c
61d LAFORGE	10-MAY-75	.01	.31		61d
61e LAFORGE	3-MAY-75	.08	1.75		61e
61f LAFORGE	26-APR-75	.20	6.33		61f
61g LAFORGE	19-APR-75	.02	1.52		61g
61h LAFORGE	12-APR-75	.04	2.40		61h
61i LAFORGE	5-APR-75	.00	.16		61i
62 (KRUTZ)	05APR--06JUN	.93	44.29		62
62a KRUTZ	31-MAY-75	.11	5.78		62a
62b KRUTZ	24-MAY-75	.07	3.42		62b
62c KRUTZ	17-MAY-75	.14	5.48		62c
62d KRUTZ	10-MAY-75	.03	1.66		62d
62e KRUTZ	3-MAY-75	.21	8.55		62e
62f KRUTZ	26-APR-75	.21	10.92		62f
62g KRUTZ	19-APR-75	.07	4.37		62g
62h KRUTZ	12-APR-75	.02	.69		62h
62i KRUTZ	5-APR-75	.08	3.32		62i
63 (CAVANO)	05APR--06JUN	1.45	53.79		63
63a CAVANO	31-MAY-75	.17	6.02		63a
63b CAVANO	24-MAY-75	.19	6.94		63b
63c CAVANO	17-MAY-75	.06	2.18		63c
63d CAVANO	10-MAY-75	.09	4.55		63d

TIME USED IN HOURS   CPU CONNECT

63e CAVANO	3-MAY-75	.08	2.24		63e
63f CAVANO	26-APR-75	.18	5.84		63f
63g CAVANO	19-APR-75	.35	12.15		63g
63h CAVANO	12-APR-75	.14	6.93		63h
63i CAVANO	5-APR-75	.06	1.78		63i
64 (RZEPKA)	05APR--06JUN	1.48	55.06		64
64a RZEPKA	31-MAY-75	.03	2.04		64a
64b RZEPKA	24-MAY-75	.28	8.38		64b
64c RZEPKA	17-MAY-75	.42	18.71		64c
64d RZEPKA	10-MAY-75	.20	7.25		64d
64e RZEPKA	3-MAY-75	.27	10.30		64e
64f RZEPKA	26-APR-75	.00	.00		64f
64g RZEPKA	19-APR-75	.00	.00		64g
64h RZEPKA	12-APR-75	.00	.00		64h
64i RZEPKA	5-APR-75	.02	.59		64i
65 (PANARA)	05APR--06JUN	2.19	61.64		65
65a PANARA	31-MAY-75	.01	.15		65a
65b PANARA	24-MAY-75	.21	3.95		65b
65c PANARA	17-MAY-75	.20	7.48		65c
65d PANARA	10-MAY-75	.12	2.78		65d
65e PANARA	3-MAY-75	.46	12.56		65e
65f PANARA	26-APR-75	.04	1.02		65f
65g PANARA	19-APR-75	.26	7.70		65g
65h PANARA	12-APR-75	.68	22.05		65h
65i PANARA	5-APR-75	.13	5.15		65i

66 (TOMAINI)	05APR--06JUN	1.75	67.68	66
66a TOMAINI	31-MAY-75	.45	11.60	66a
66b TOMAINI	24-MAY-75	.43	15.49	66b
66c TOMAINI	17-MAY-75	.04	2.63	66c
66d TOMAINI	10-MAY-75	.05	4.52	66d
66e TOMAINI	3-MAY-75	.05	2.78	66e
66f TOMAINI	26-APR-75	.02	.57	66f
66g TOMAINI	19-APR-75	.20	9.41	66g
66h TOMAINI	12-APR-75	.08	5.19	66h
66i TOMAINI	5-APR-75	.20	6.76	66i
67 (LAWRENCE)	05APR--06JUN	2.79	78.73	67
67a LAWRENCE	31-MAY-75	.09	3.44	67a
67b LAWRENCE	24-MAY-75	.25	8.46	67b
67c LAWRENCE	17-MAY-75	.62	19.17	67c
67d LAWRENCE	10-MAY-75	.14	4.32	67d
67e LAWRENCE	3-MAY-75	.53	12.42	67e
67f LAWRENCE	26-APR-75	.10	2.74	67f
67g LAWRENCE	19-APR-75	.38	9.52	67g
67h LAWRENCE	12-APR-75	.43	10.20	67h
67i LAWRENCE	5-APR-75	.05	1.27	67i
68 (STONE)	05APR--06JUN	3.88	108.71	68
68a STONE	31-MAY-75	.52	19.36	68a
68b STONE	24-MAY-75	.36	12.05	68b
68c STONE	17-MAY-75	.19	4.03	68c
68d STONE	10-MAY-75	.42	9.26	68d

		CPU	CONNECT	
68e STONE	3-MAY-75	.61	20.23	68e
68f STONE	26-APR-75	.48	9.60	68f
68g STONE	19-APR-75	.74	17.80	68g
68h STONE	12-APR-75	.20	4.33	68h
68i STONE	5-APR-75	.00	.00	68i
69 (CARRIER)	05APR--06JUN	3.74	110.44	69
69a CARRIER	31-MAY-75	.30	7.66	69a
69b CARRIER	24-MAY-75	.47	17.54	69b
69c CARRIER	17-MAY-75	.24	9.23	69c
69d CARRIER	10-MAY-75	.35	7.27	69d
69e CARRIER	3-MAY-75	.36	8.54	69e
69f CARRIER	26-APR-75	.28	7.86	69f
69g CARRIER	19-APR-75	.78	22.15	69g
69h CARRIER	12-APR-75	.75	23.12	69h
69i CARRIER	5-APR-75	.21	7.07	69i
70 (KENNEDY)	05APR--06JUN	6.05	158.02	70
70a KENNEDY	31-MAY-75	.54	13.47	70a
70b KENNEDY	24-MAY-75	1.02	19.69	70b
70c KENNEDY	17-MAY-75	1.11	25.46	70c
70d KENNEDY	10-MAY-75	.60	14.55	70d
70e KENNEDY	3-MAY-75	.68	19.62	70e
70f KENNEDY	26-APR-75	.41	7.22	70f
70g KENNEDY	19-APR-75	.56	32.64	70g
70h KENNEDY	12-APR-75	.11	5.68	70h
70i KENNEDY	5-APR-75	.00	.00	70i

TIME USED IN HOURS   CPU CONNECT

71 (RADC)   05APR--06JUN   30,48   928,59   71

    71a RADC   31-MAY-75   3,02   104,31   71a

    71b RADC   24-MAY-75   3,89   116,08   71b

    71c RADC   17-MAY-75   3,95   128,74   71c

    71d RADC   10-MAY-75   2,72   87,63   71d

    71e RADC   3-MAY-75   4,04   154,84   71e

    71f RADC   26-APR-75   2,36   72,88   71f

    71g RADC   19-APR-75   3,84   135,16   71g

    71h RADC   12-APR-75   2,77   96,45   71h

    71i RADC   5-APR-75   ,81   32,50   71i

Weekly Stats for APR & JUN

(J32920) 8-JUL-75 06:28;;;;   Title: Author(s): Duane L. Stone/DLS;
Sub-Collections: RADC; Clerk: DLS;

RADC Usage Statistics for OFFICE-1, APR & MAY

For more detail see (,32920,)

RADC Usage Statistics for OFFICE-1, APR & MAY

1					1
2 (CALICCHIA)	05APR--06JUN	.00	.00		2
3 (FEMIA)	05APR--06JUN	.00	.00		3
4 (LOMBARDO)	05APR--06JUN	.00	.00		4
5 (MCLEAN)	05APR--06JUN	.00	.00		5
6 (RUPLE)	05APR--06JUN	.00	.00		6
7 (WEBER)	05APR--06JUN	.00	.00		7
8 (WWMMCS)	05APR--06JUN	.00	.00		8
9 (DIMAGGIO)	05APR--06JUN	.01	.29		9
10 (KESSELMAN)	05APR--06JUN	.00	.29		10
11 (VANALSTINE)	05APR--06JUN	.10	2.19		11
12 (PATTERSON)	05APR--06JUN	.05	2.65		12
13 (BUCCIERO)	05APR--06JUN	.08	2.80		13
14 (STINSON)	05APR--06JUN	.09	2.81		14
15 (NELSON)	05APR--06JUN	.08	3.86		15
16 (BARNUM)	05APR--06JUN	.09	3.91		16
17 (MCNAMARA)	05APR--06JUN	.09	7.77		17
18 (LORETO)	05APR--06JUN	.31	8.94		18
19 (HILBING)	05APR--06JUN	.23	10.06		19
20 (IUORNO)	05APR--06JUN	.27	10.11		20
21 (RWALKER)	05APR--06JUN	.18	11.95		21
22 (BERGSTROM)	05APR--06JUN	.50	18.22		22
23 (SLIWA)	05APR--06JUN	.59	21.59		23
24 (LIUZZI)	05APR--06JUN	.30	24.27		24
25 (WINGFIELD)	05APR--06JUN	.63	25.68		25

			CPU	CONNECT	
26	(LAFORGE)	05APR--06JUN	1.09	33.76	26
27	(KRUTZ)	05APR--06JUN	.93	44.29	27
28	(CAVANO)	05APR--06JUN	1.45	53.79	28
29	(RZEPKA)	05APR--06JUN	1.48	55.06	29
30	(PANARA)	05APR--06JUN	2.19	61.64	30
31	(TOMAINI)	05APR--06JUN	1.75	67.68	31
32	(LAWRENCE)	05APR--06JUN	2.79	78.73	32
33	(STONE)	05APR--06JUN	3.88	108.71	33
34	(CARRIER)	05APR--06JUN	3.74	110.44	34
35	(KENNEDY)	05APR--06JUN	6.05	158.02	35
36	(RADC)	05APR--06JUN	30.48	928.59	36
37	(CALICCHIA)	05APR--06JUN	.00	.00	37
	37a CALICCHIA	31-MAY-75	.00	.00	37a
	37b CALICCHIA	24-MAY-75	.00	.00	37b
	37c CALICCHIA	17-MAY-75	.00	.00	37c
	37d CALICCHIA	10-MAY-75	.00	.00	37d
	37e CALICCHIA	3-MAY-75	.00	.00	37e
	37f CALICCHIA	26-APR-75	.00	.00	37f
	37g CALICCHIA	19-APR-75	.00	.00	37g
	37h CALICCHIA	12-APR-75	.00	.00	37h
	37i CALICCHIA	5-APR-75	.00	.00	37i
38	(FEMIA)	05APR--06JUN	.00	.00	38
	38a FEMIA	31-MAY-75	.00	.00	38a
	38b FEMIA	24-MAY-75	.00	.00	38b
	38c FEMIA	17-MAY-75	.00	.00	38c

38d FEMIA	10-MAY-75	.00	.00		38d
38e FEMIA	3-MAY-75	.00	.00		38e
38f FEMIA	26-APR-75	.00	.00		38f
38g FEMIA	19-APR-75	.00	.00		38g
38h FEMIA	12-APR-75	.00	.00		38h
38i FEMIA	5-APR-75	.00	.00		38i
39 (LOMBARDO)	05APR--06JUN	.00	.00		39
39a LOMBARDO	31-MAY-75	.00	.00		39a
39b LOMBARDO	24-MAY-75	.00	.00		39b
39c LOMBARDO	17-MAY-75	.00	.00		39c
39d LOMBARDO	10-MAY-75	.00	.00		39d
39e LOMBARDO	3-MAY-75	.00	.00		39e
39f LOMBARDO	26-APR-75	.00	.00		39f
39g LOMBARDO	19-APR-75	.00	.00		39g
39h LOMBARDO	12-APR-75	.00	.00		39h
39i LOMBARDO	5-APR-75	.00	.00		39i
40 (MCLEAN)	05APR--06JUN	.00	.00		40
40a MCLEAN	31-MAY-75	.00	.00		40a
40b MCLEAN	24-MAY-75	.00	.00		40b
40c MCLEAN	17-MAY-75	.00	.00		40c
40d MCLEAN	10-MAY-75	.00	.00		40d
40e MCLEAN	3-MAY-75	.00	.00		40e
40f MCLEAN	26-APR-75	.00	.00		40f
40g MCLEAN	19-APR-75	.00	.00		40g
40h MCLEAN	12-APR-75	.00	.00		40h

401 MCLEAN	5-APR-75	.00	.00		401
41 (RUPLE)	05APR--06JUN	.00	.00		41
41a RUPLE	31-MAY-75	.00	.00		41a
41b RUPLE	24-MAY-75	.00	.00		41b
41c RUPLE	17-MAY-75	.00	.00		41c
41d RUPLE	10-MAY-75	.00	.00		41d
41e RUPLE	3-MAY-75	.00	.00		41e
41f RUPLE	26-APR-75	.00	.00		41f
41g RUPLE	19-APR-75	.00	.00		41g
41h RUPLE	12-APR-75	.00	.00		41h
41i RUPLE	5-APR-75	.00	.00		41i
42 (WEBER)	05APR--06JUN	.00	.00		42
42a WEBER	31-MAY-75	.00	.00		42a
42b WEBER	24-MAY-75	.00	.00		42b
42c WEBER	17-MAY-75	.00	.00		42c
42d WEBER	10-MAY-75	.00	.00		42d
42e WEBER	3-MAY-75	.00	.00		42e
42f WEBER	26-APR-75	.00	.00		42f
42g WEBER	19-APR-75	.00	.00		42g
42h WEBER	12-APR-75	.00	.00		42h
42i WEBER	5-APR-75	.00	.00		42i
43 (WWMMCS)	05APR--06JUN	.00	.00		43
43a WWMMCS	31-MAY-75	.00	.00		43a
43b WWMMCS	24-MAY-75	.00	.00		43b
43c WWMMCS	17-MAY-75	.00	.00		43c

TIME USED IN HOURS   CPU   CONNECT

43d WWMMCS	10-MAY-75	.00	.00		43d
43e WWMMCS	3-MAY-75	.00	.00		43e
43f WWMMCS	26-APR-75	.00	.00		43f
43g WWMMCS	19-APR-75	.00	.00		43g
43h WWMMCS	12-APR-75	.00	.00		43h
43i WWMMCS	5-APR-75	.00	.00		43i
44 (DIMAGGIO)	05APR--06JUN	.01	.29		44
44a DIMAGGIO	31-MAY-75	.00	.00		44a
44b DIMAGGIO	24-MAY-75	.00	.00		44b
44c DIMAGGIO	17-MAY-75	.00	.00		44c
44d DIMAGGIO	10-MAY-75	.00	.00		44d
44e DIMAGGIO	3-MAY-75	.00	.00		44e
44f DIMAGGIO	26-APR-75	.01	.29		44f
44g DIMAGGIO	19-APR-75	.00	.00		44g
44h DIMAGGIO	12-APR-75	.00	.00		44h
44i DIMAGGIO	5-APR-75	.00	.00		44i
45 (KESSELMAN)	05APR--06JUN	.00	.29		45
45a KESSELMAN	31-MAY-75	.00	.00		45a
45b KESSELMAN	24-MAY-75	.00	.00		45b
45c KESSELMAN	17-MAY-75	.00	.00		45c
45d KESSELMAN	10-MAY-75	.00	.00		45d
45e KESSELMAN	3-MAY-75	.00	.00		45e
45f KESSELMAN	26-APR-75	.00	.00		45f
45g KESSELMAN	19-APR-75	.00	.00		45g
45h KESSELMAN	12-APR-75	.00	.29		45h

TIME USED IN HOURS   CPU CONNECT

451 KESSELMAN	5-APR-75	.00	.00	451
46 (VANALSTINE) 05APR--06JUN		.10	2.19	46
46a VANALSTINE	31-MAY-75	.02	.51	46a
46b VANALSTINE	24-MAY-75	.00	.00	46b
46c VANALSTINE	17-MAY-75	.00	.00	46c
46d VANALSTINE	10-MAY-75	.00	.00	46d
46e VANALSTINE	3-MAY-75	.01	.15	46e
46f VANALSTINE	26-APR-75	.03	.41	46f
46g VANALSTINE	19-APR-75	.04	1.12	46g
46h VANALSTINE	12-APR-75	.00	.00	46h
461 VANALSTINE	5-APR-75	.00	.00	461
47 (PATTERSON) 05APR--06JUN		.05	2.65	47
47a PATTERSON	31-MAY-75	.00	.00	47a
47b PATTERSON	24-MAY-75	.00	.00	47b
47c PATTERSON	17-MAY-75	.00	.00	47c
47d PATTERSON	10-MAY-75	.01	.45	47d
47e PATTERSON	3-MAY-75	.02	1.29	47e
47f PATTERSON	26-APR-75	.00	.00	47f
47g PATTERSON	19-APR-75	.01	.37	47g
47h PATTERSON	12-APR-75	.01	.54	47h
471 PATTERSON	5-APR-75	.00	.00	471
48 (BUCCIERO) 05APR--06JUN		.08	2.80	48
48a BUCCIERO	31-MAY-75	.01	.44	48a
48b BUCCIERO	24-MAY-75	.00	.00	48b
48c BUCCIERO	17-MAY-75	.00	.00	48c

48d BUCCIERO	10-MAY-75	.00	.00	48d
48e BUCCIERO	3-MAY-75	.00	.00	48e
48f BUCCIERO	26-APR-75	.00	.00	48f
48g BUCCIERO	19-APR-75	.01	.18	48g
48h BUCCIERO	12-APR-75	.06	2.18	48h
48i BUCCIERO	5-APR-75	.00	.00	48i
49 (STINSON) 05APR--06JUN		.09	2.81	49
49a STINSON	31-MAY-75	.01	.20	49a
49b STINSON	24-MAY-75	.01	.13	49b
49c STINSON	17-MAY-75	.01	.61	49c
49d STINSON	10-MAY-75	.01	.34	49d
49e STINSON	3-MAY-75	.01	.24	49e
49f STINSON	26-APR-75	.01	.43	49f
49g STINSON	19-APR-75	.01	.31	49g
49h STINSON	12-APR-75	.01	.42	49h
49i STINSON	5-APR-75	.00	.00	49i
50 (NELSON) 05APR--06JUN		.08	3.86	50
50a NELSON	31-MAY-75	.00	.12	50a
50b NELSON	24-MAY-75	.02	.58	50b
50c NELSON	17-MAY-75	.00	.00	50c
50d NELSON	10-MAY-75	.02	1.80	50d
50e NELSON	3-MAY-75	.01	.57	50e
50f NELSON	26-APR-75	.00	.00	50f
50g NELSON	19-APR-75	.01	.21	50g
50h NELSON	12-APR-75	.00	.00	50h

TIME USED IN HOURS   CPU   CONNECT

501 NELSON	5-APR-75	.00	.00		501
51 (BARNUM)	05APR--06JUN	.09	3.91		51
51a BARNUM	31-MAY-75	.01	.23		51a
51b BARNUM	24-MAY-75	.01	.08		51b
51c BARNUM	17-MAY-75	.00	.02		51c
51d BARNUM	10-MAY-75	.03	2.13		51d
51e BARNUM	3-MAY-75	.02	.64		51e
51f BARNUM	26-APR-75	.01	.39		51f
51g BARNUM	19-APR-75	.01	.38		51g
51h BARNUM	12-APR-75	.00	.04		51h
511 BARNUM	5-APR-75	.00	.00		511
52 (MCNAMARA)	05APR--06JUN	.09	7.77		52
52a MCNAMARA	31-MAY-75	.00	.10		52a
52b MCNAMARA	24-MAY-75	.00	.00		52b
52c MCNAMARA	17-MAY-75	.04	3.28		52c
52d MCNAMARA	10-MAY-75	.01	1.69		52d
52e MCNAMARA	3-MAY-75	.00	.25		52e
52f MCNAMARA	26-APR-75	.02	1.13		52f
52g MCNAMARA	19-APR-75	.01	.43		52g
52h MCNAMARA	12-APR-75	.01	.89		52h
521 MCNAMARA	5-APR-75	.00	.02		521
53 (LORETO)	05APR--06JUN	.31	8.94		53
53a LORETO	31-MAY-75	.01	.51		53a
53b LORETO	24-MAY-75	.01	.10		53b
53c LORETO	17-MAY-75	.01	.14		53c

TIME USED IN HOURS   CPU   CONNECT

53d LORETO	10-MAY-75	.19	6.10		53d
53e LORETO	3-MAY-75	.05	1.43		53e
53f LORETO	26-APR-75	.01	.15		53f
53g LORETO	19-APR-75	.01	.20		53g
53h LORETO	12-APR-75	.01	.21		53h
53i LORETO	5-APR-75	.00	.00		53i
54 (HILBING)	05APR--06JUN	.23	10.06		54
54a HILBING	31-MAY-75	.01	.14		54a
54b HILBING	24-MAY-75	.02	.55		54b
54c HILBING	17-MAY-75	.11	6.62		54c
54d HILBING	10-MAY-75	.01	.16		54d
54e HILBING	3-MAY-75	.02	.80		54e
54f HILBING	26-APR-75	.01	.30		54f
54g HILBING	19-APR-75	.02	.54		54g
54h HILBING	12-APR-75	.01	.40		54h
54i HILBING	5-APR-75	.00	.06		54i
55 (IUORNO)	05APR--06JUN	.27	10.11		55
55a IUORNO	31-MAY-75	.01	.27		55a
55b IUORNO	24-MAY-75	.03	1.40		55b
55c IUORNO	17-MAY-75	.01	.40		55c
55d IUORNO	10-MAY-75	.01	.34		55d
55e IUORNO	3-MAY-75	.01	.44		55e
55f IUORNO	26-APR-75	.02	.49		55f
55g IUORNO	19-APR-75	.11	3.65		55g
55h IUORNO	12-APR-75	.04	1.72		55h

TIME USED IN HOURS   CPU   CONNECT

			CPU	CONNECT	
551	IUORNO	5-APR-75	.00	.00	551
56 (RWALKER)		05APR--06JUN	.18	11.95	56
56a	RWALKER	31-MAY-75	.05	5.93	56a
56b	RWALKER	24-MAY-75	.02	1.19	56b
56c	RWALKER	17-MAY-75	.07	2.63	56c
56d	RWALKER	10-MAY-75	.02	1.01	56d
56e	RWALKER	3-MAY-75	.00	.00	56e
56f	RWALKER	26-APR-75	.00	.00	56f
56g	RWALKER	19-APR-75	.00	.00	56g
56h	RWALKER	12-APR-75	.00	.00	56h
561	RWALKER	5-APR-75	.00	.00	561
57 (BERGSTROM)		05APR--06JUN	.50	18.22	57
57a	BERGSTROM	24-MAY-75	.08	2.08	57a
57b	BERGSTROM	17-MAY-75	.10	2.51	57b
57c	BERGSTROM	10-MAY-75	.00	.09	57c
57d	BERGSTROM	3-MAY-75	.05	2.29	57d
57e	BERGSTROM	26-APR-75	.14	4.48	57e
57f	BERGSTROM	19-APR-75	.10	4.89	57f
57g	BERGSTROM	12-APR-75	.03	1.88	57g
57h	BERGSTROM	5-APR-75	.00	.00	57h
58 (SLIWA)		05APR--06JUN	.59	21.59	58
58a	SLIWA	31-MAY-75	.00	.00	58a
58b	SLIWA	24-MAY-75	.12	3.02	58b
58c	SLIWA	17-MAY-75	.14	3.13	58c
58d	SLIWA	10-MAY-75	.07	3.34	58d

TIME USED IN HOURS   CPU CONNECT

			CPU	CONNECT	
58e	SLIWA	3-MAY-75	.05	3.58	58e
58f	SLIWA	26-APR-75	.07	4.77	58f
58g	SLIWA	19-APR-75	.01	.38	58g
58h	SLIWA	12-APR-75	.01	.35	58h
58i	SLIWA	5-APR-75	.00	.00	58i
59 (LIUZZI)	05APR--06JUN		.30	24.27	59
59a	LIUZZI	31-MAY-75	.03	1.56	59a
59b	LIUZZI	24-MAY-75	.00	.00	59b
59c	LIUZZI	17-MAY-75	.03	2.28	59c
59d	LIUZZI	10-MAY-75	.07	3.17	59d
59e	LIUZZI	3-MAY-75	.05	11.43	59e
59f	LIUZZI	26-APR-75	.03	2.73	59f
59g	LIUZZI	19-APR-75	.03	1.09	59g
59h	LIUZZI	12-APR-75	.06	2.01	59h
59i	LIUZZI	5-APR-75	.05	5.56	59i
60 (WINGFIELD)	05APR--06JUN		.63	25.68	60
60a	WINGFIELD	31-MAY-75	.19	6.84	60a
60b	WINGFIELD	24-MAY-75	.01	.22	60b
60c	WINGFIELD	17-MAY-75	.12	4.79	60c
60d	WINGFIELD	10-MAY-75	.06	2.50	60d
60e	WINGFIELD	3-MAY-75	.12	5.80	60e
60f	WINGFIELD	26-APR-75	.06	3.55	60f
60g	WINGFIELD	19-APR-75	.03	1.10	60g
60h	WINGFIELD	12-APR-75	.03	.66	60h
60i	WINGFIELD	5-APR-75	.02	.75	60i

61 (LAFORGE)	05APR--06JUN	1.09	33.76	61
61a LAFORGE	31-MAY-75	.27	7.48	61a
61b LAFORGE	24-MAY-75	.09	3.03	61b
61c LAFORGE	17-MAY-75	.29	7.91	61c
61d LAFORGE	10-MAY-75	.01	.31	61d
61e LAFORGE	3-MAY-75	.08	1.75	61e
61f LAFORGE	26-APR-75	.20	6.33	61f
61g LAFORGE	19-APR-75	.02	1.52	61g
61h LAFORGE	12-APR-75	.04	2.40	61h
611 LAFORGE	5-APR-75	.00	.16	611
62 (KRUTZ)	05APR--06JUN	.93	44.29	62
62a KRUTZ	31-MAY-75	.11	5.78	62a
62b KRUTZ	24-MAY-75	.07	3.42	62b
62c KRUTZ	17-MAY-75	.14	5.48	62c
62d KRUTZ	10-MAY-75	.03	1.66	62d
62e KRUTZ	3-MAY-75	.21	8.55	62e
62f KRUTZ	26-APR-75	.21	10.92	62f
62g KRUTZ	19-APR-75	.07	4.37	62g
62h KRUTZ	12-APR-75	.02	.69	62h
621 KRUTZ	5-APR-75	.08	3.32	621
63 (CAVANO)	05APR--06JUN	1.45	53.79	63
63a CAVANO	31-MAY-75	.17	6.02	63a
63b CAVANO	24-MAY-75	.19	6.94	63b
63c CAVANO	17-MAY-75	.06	2.18	63c
63d CAVANO	10-MAY-75	.09	4.55	63d

TIME USED IN HOURS   CPU CONNECT

			CPU	CONNECT		
63e	CAVANO	3-MAY-75	.08	2.24		63e
63f	CAVANO	26-APR-75	.18	5.84		63f
63g	CAVANO	19-APR-75	.35	12.15		63g
63h	CAVANO	12-APR-75	.14	6.93		63h
63i	CAVANO	5-APR-75	.06	1.78		63i
64 (RZEPKA)		05APR--06JUN	1.48	55.06		64
64a	RZEPKA	31-MAY-75	.03	2.04		64a
64b	RZEPKA	24-MAY-75	.28	8.38		64b
64c	RZEPKA	17-MAY-75	.42	18.71		64c
64d	RZEPKA	10-MAY-75	.20	7.25		64d
64e	RZEPKA	3-MAY-75	.27	10.30		64e
64f	RZEPKA	26-APR-75	.00	.00		64f
64g	RZEPKA	19-APR-75	.00	.00		64g
64h	RZEPKA	12-APR-75	.00	.00		64h
64i	RZEPKA	5-APR-75	.02	.59		64i
65 (PANARA)		05APR--06JUN	2.19	61.64		65
65a	PANARA	31-MAY-75	.01	.15		65a
65b	PANARA	24-MAY-75	.21	3.95		65b
65c	PANARA	17-MAY-75	.20	7.48		65c
65d	PANARA	10-MAY-75	.12	2.78		65d
65e	PANARA	3-MAY-75	.46	12.56		65e
65f	PANARA	26-APR-75	.04	1.02		65f
65g	PANARA	19-APR-75	.26	7.70		65g
65h	PANARA	12-APR-75	.68	22.05		65h
65i	PANARA	5-APR-75	.13	5.15		65i

TIME USED IN HOURS   CPU CONNECT

66 (TOMAINI)	05APR--06JUN	1.75	67.68	66
66a TOMAINI	31-MAY-75	.45	11.60	66a
66b TOMAINI	24-MAY-75	.43	15.49	66b
66c TOMAINI	17-MAY-75	.04	2.63	66c
66d TOMAINI	10-MAY-75	.05	4.52	66d
66e TOMAINI	3-MAY-75	.05	2.78	66e
66f TOMAINI	26-APR-75	.02	.57	66f
66g TOMAINI	19-APR-75	.20	9.41	66g
66h TOMAINI	12-APR-75	.08	5.19	66h
66i TOMAINI	5-APR-75	.20	6.76	66i
67 (LAWRENCE)	05APR--06JUN	2.79	78.73	67
67a LAWRENCE	31-MAY-75	.09	3.44	67a
67b LAWRENCE	24-MAY-75	.25	8.46	67b
67c LAWRENCE	17-MAY-75	.62	19.17	67c
67d LAWRENCE	10-MAY-75	.14	4.32	67d
67e LAWRENCE	3-MAY-75	.53	12.42	67e
67f LAWRENCE	26-APR-75	.10	2.74	67f
67g LAWRENCE	19-APR-75	.38	9.52	67g
67h LAWRENCE	12-APR-75	.43	10.20	67h
67i LAWRENCE	5-APR-75	.05	1.27	67i
68 (STONE)	05APR--06JUN	3.88	108.71	68
68a STONE	31-MAY-75	.52	19.36	68a
68b STONE	24-MAY-75	.36	12.05	68b
68c STONE	17-MAY-75	.19	4.03	68c
68d STONE	10-MAY-75	.42	9.26	68d

TIME USED IN HOURS   CPU   CONNECT

			CPU	CONNECT	
68e	STONE	3-MAY-75	.61	20.23	68e
68f	STONE	26-APR-75	.48	9.60	68f
68g	STONE	19-APR-75	.74	17.80	68g
68h	STONE	12-APR-75	.20	4.33	68h
68i	STONE	5-APR-75	.00	.00	68i
69 (CARRIER)	05APR--06JUN		3.74	110.44	69
69a	CARRIER	31-MAY-75	.30	7.66	69a
69b	CARRIER	24-MAY-75	.47	17.54	69b
69c	CARRIER	17-MAY-75	.24	9.23	69c
69d	CARRIER	10-MAY-75	.35	7.27	69d
69e	CARRIER	3-MAY-75	.36	8.54	69e
69f	CARRIER	26-APR-75	.28	7.86	69f
69g	CARRIER	19-APR-75	.78	22.15	69g
69h	CARRIER	12-APR-75	.75	23.12	69h
69i	CARRIER	5-APR-75	.21	7.07	69i
70 (KENNEDY)	05APR--06JUN		6.05	158.02	70
70a	KENNEDY	31-MAY-75	.54	13.47	70a
70b	KENNEDY	24-MAY-75	1.02	19.69	70b
70c	KENNEDY	17-MAY-75	1.11	25.46	70c
70d	KENNEDY	10-MAY-75	.60	14.55	70d
70e	KENNEDY	3-MAY-75	.68	19.62	70e
70f	KENNEDY	26-APR-75	.41	7.22	70f
70g	KENNEDY	19-APR-75	.56	32.64	70g
70h	KENNEDY	12-APR-75	.11	5.68	70h
70i	KENNEDY	5-APR-75	.00	.00	70i

TIME USED IN HOURS   CPU CONNECT

71 (RADC)	05APR--06JUN	30.48	928.59	71
71a RADC	31-MAY-75	3.02	104.31	71a
71b RADC	24-MAY-75	3.89	116.08	71b
71c RADC	17-MAY-75	3.95	128.74	71c
71d RADC	10-MAY-75	2.72	87.63	71d
71e RADC	3-MAY-75	4.04	154.84	71e
71f RADC	26-APR-75	2.36	72.88	71f
71g RADC	19-APR-75	3.84	135.16	71g
71h RADC	12-APR-75	2.77	96.45	71h
711 RADC	5-APR-75	.81	32.50	711

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TRAINING SESSION--THURSDAY, JULY 10, 2-4 p.m.

1 A training session has been tentatively scheduled for July 10,
Conference Room 208A, from 2-4 p.m. This will be the first of a
series of short training sessions covering aspects of Course #3 and
any special topics you might be interested in. Jeanne Beck will be
teaching this first session and would like to cover areas of
addressing and editing a file (advanced techniques), communications,
and file structures. If you have any special topic you would like
covered, notify Glenn or me in enough time to give Jeanne some
advance notice. Also, please let us know if you will be attending
this first session. Thanks, Kathey   1

TRAINING SESSION--THURSDAY, JULY 10, 2-4 p.m.

(J32928) 8-JUL-75 11:05;;;;   Title: Author(s): Kathey L. Mabrey/KLM;
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    Mabrey, Pat Whiting O'Keefe, Carolyn A. Grimm, Kathey L. Mabrey,