

Arrival in London

To: Prof. Peter Kirstein and Prof. Manny Lehmann

I expect to arrive in London late Thursday, November 8th departing Saturday, November, 10th. Can we meet for an hour or so to discuss some network issues. Lunch Friday is my first suggestion. If you cannot make it give me alternates. I will leave UCLA Thursday, November 1st and would like response before then. Will be staying at Cumberland in London. Please verify receipt of this message to DHC.

1

Arrival in London

(J19966) 30-OCT-73 13:57; Title: Author(s): Gerald Estrin/GE;  
Distribution: /PK; Sub-Collections: NIC; Clerk: LYNN;

Reply

Jon,

1

I got your two journal messages yesterday.

2

The answer to the question of the first journal item is a long story. In the past, we sent RFC's to the three network groups (Liaisons, Station Agents, and Associates) once a week, usually on Thursdays. With this distribution schedule, we had a few complaints from Liaisons that this was not often enough. So, in order to keep Liaisons on top of current Network events, we now send any RFC's received soon after the regular weekly mailing immediately to Liaisons -- this "off-schedule" mailing contains no transmittal letter. Associates and Station Agents receive the same RFC's as Liaisons, but only once weekly -- the transmittal is designed for Station Agents. So, although it's a bit confusing, the idea is to get RFC's to Liaisons "hot" off the NIC presses.

3

I think, in future we will make a notation on the transmittal letter next to any documents which were sent to Liaisons earlier in the week.

4

Sorry about the second problem -- the spelling of your name; but with over 700 people in the identfile and 170 on our regular mailing list, it's easy to slip up once in awhile. It would be helpful if, when you submit an RFC through the journal, you included your full name and site ident in the upper right hand corner -- that would insure against our misspellings. Otherwise we have to type it on as it is necessary for cataloging purposes.

5

Marcia

6

Reply

(J19967) 30-OCT-73 14:43; Title: Author(s): Marcia Lynn Keeney/MLK;  
Distribution: /JBP MLK; Sub-Collections: SRI-ARC; Clerk: MLK;  
Origin: <IDENTFILE>JON.NLS;2, 30-OCT-73 14:41 MLK ;



Your Network Mailbox Address

Also -- I tried to send you a message using the net mail address you gave us sometime ago (JBP@NIC) and it doesn't work. Can you let me know the correct address to which I can send you net mail? Thanks..  
Marcia.

Your Network Mailbox Address

(J19968) 30-OCT-73 14:49; Title: Author(s): Marcia Lynn Keeney/MLK;  
Distribution: /JBP; Sub-Collections: SRI-ARC; Clerk: MLK;

Lester Earnest

Jean-- I fixed the error on LDE. He was indeed in the identfile with his organization listed as SU-AI; however, his ident was not in the membership list of same. So I put him in where he should be after checking with AI to make sure he was still there (he is). Marcia

1

Lester Earnest

(J19969) 30-OCT-73 14:54; Title: Author(s): Marcia Lynn Keeney/MLK;  
Distribution: /JI; Sub-Collections: SRI-ARC; Clerk: MLK;

Dirk, today I changed the Append (userguides,help,0475) and Archive (userguides,help,039) [this is "yours"] branches under FUNCTION to be sort of prototypes to see if Kirk, you, & I are building the function branches similarly. Take a look and see what you think. Use the command Execute Name delimiters Display to see what delimiters are defined and thus which statements will be named. [Kirk and I ran Dean's CHNAME program for names but we will have to go through to redefine and change delimiters for those statements where we want the colon after second or third word.] -Jeanne

1

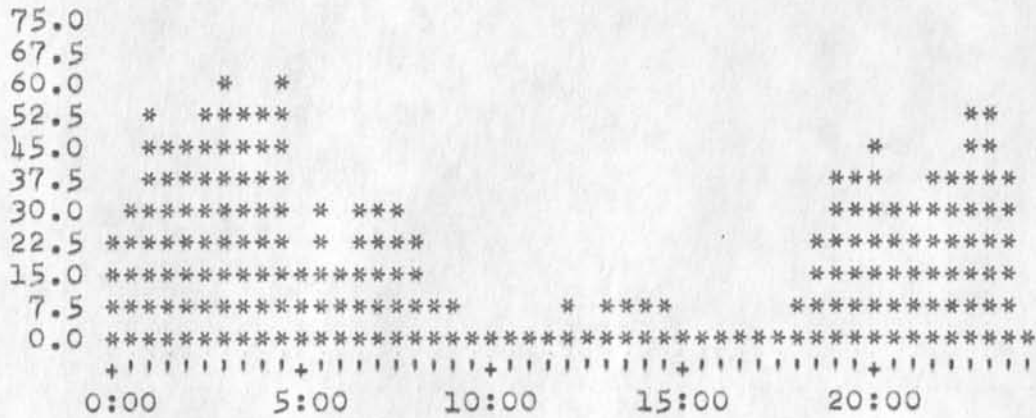


(J19970) 30-OCT-73 15:51; Title: Author(s): Jeanne M. Beck/JMB;  
Distribution: /DVN KIRK(for your information too); Sub-Collections:  
SRI-ARC; Clerk: JMB;

Superwatch Average Graphs for Week of 10/22/73

TIME PLOT OF AVERAGE IDLE TIME FOR WEEK OF 10/22/73  
x axis labeled in units of hr:min, xunit = 30 minutes

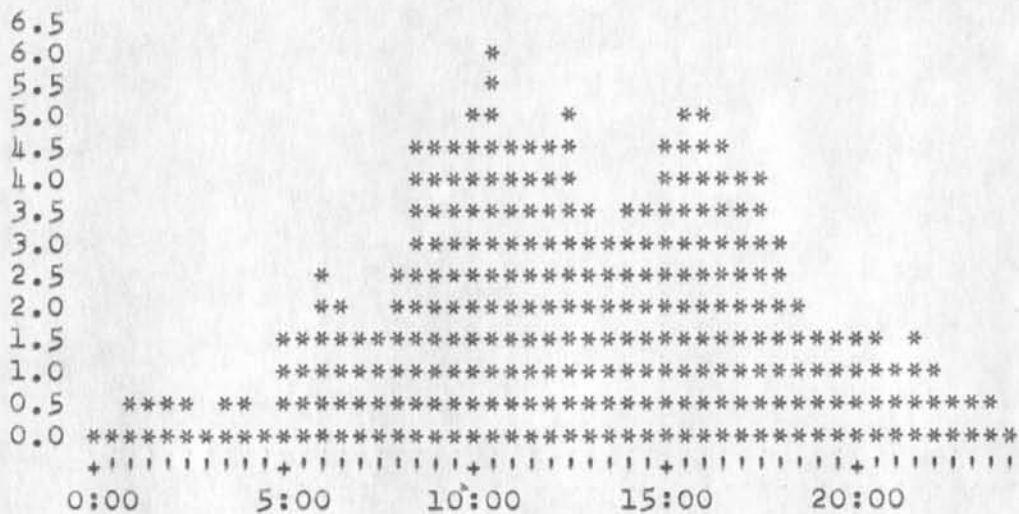
1



1a

TIME PLOT OF AVERAGE NUMBER OF GO JOBS FOR WEEK OF 10/22/73  
x axis labeled in units of hr:min, xunit = 30 minutes

2



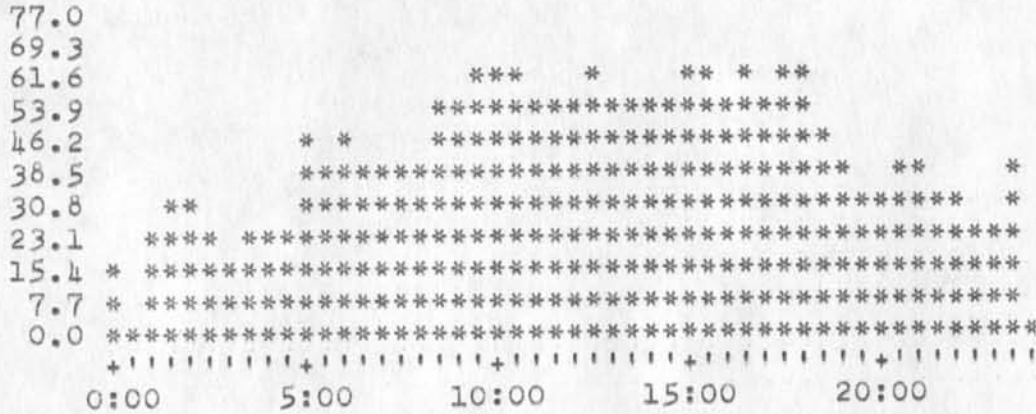
2a

Superwatch Average Graphs for Week of 10/22/73

TIME PLOT OF AVERAGE PER CENT OF CPU TIME CHARGED TO USER ACCOUNTS FOR WEEK OF 10/22/73

x axis labeled in units of hr:min, xunit = 30 minutes

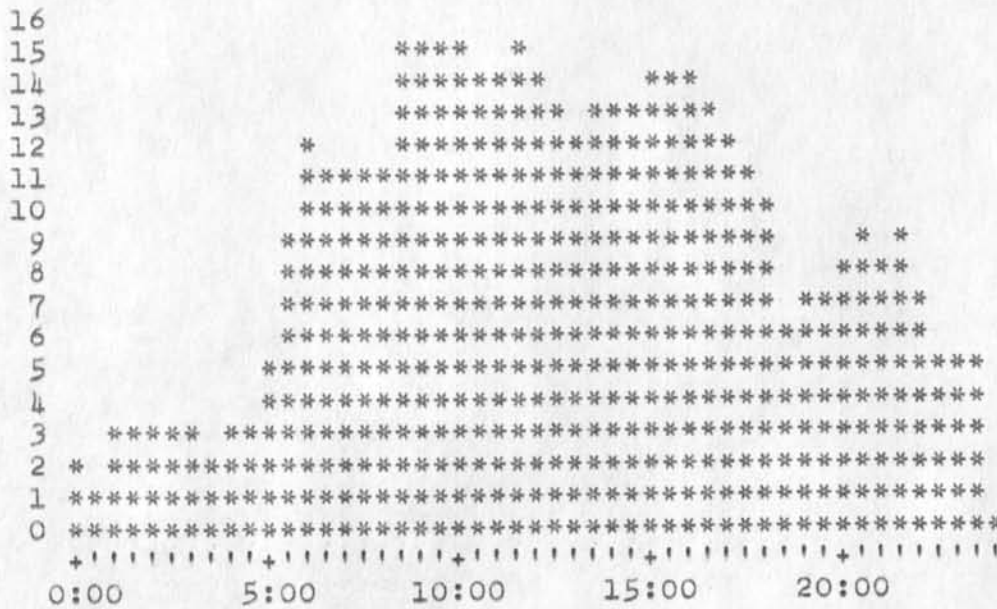
3



3a

TIME PLOT OF AVERAGE NUMBER OF USERS FOR WEEK OF 10/22/73  
x axis labeled in units of hr:min, xunit = 30 minutes

4

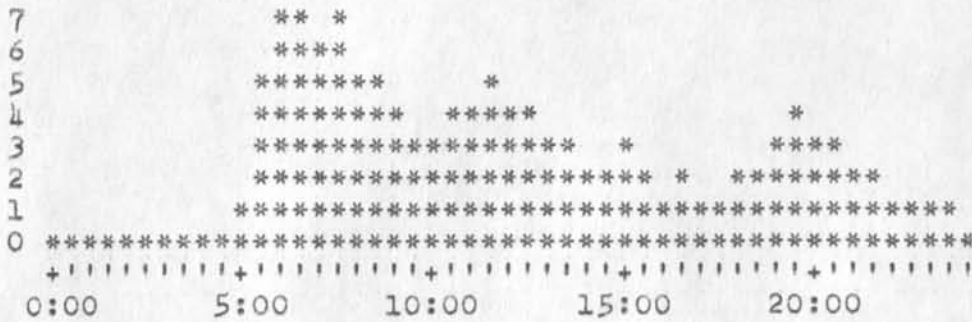


4a

Superwatch Average Graphs for Week of 10/22/73

TIME PLOT OF AVERAGE NUMBER OF NETWORK USERS FOR WEEK OF 10/22/73  
X axis labeled in units of hr:min, xunit = 30 minutes

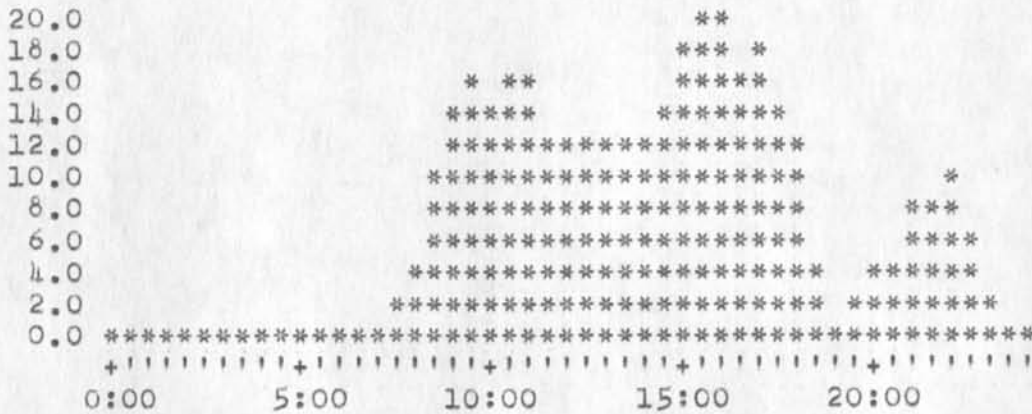
5



5a

TIME PLOT OF AVERAGE PER CENT OF SYSTEM USED IN DNLS FOR WEEK OF 10/22/73  
X axis labeled in units of hr:min, xunit = 30 minutes

6



6a

Superwatch Average Graphs for Week of 10/22/73

(J19971) 30-OCT-73 16:45; Title: Author(s): Susan R. Lee/SRL;  
Distribution: /JCN RWW DCE PR DCW JCP DVN JAKE CFD KIRK DLS BAH;  
Sub-Collections: SRI-ARC; Clerk: SRL;  
Origin: <LEE>WEEK10/22GRAPHS.NLS;2, 30-OCT-73 16:39 SRL ;



Response to NDM response : TENEX/NLS Compatibility

Dean: Thank you for your very kind response and interest...As you may not have known, I have attempted to use INSEQH many times previously...Once when we first began looking into TENEX/NLS incompatibilities, Mil Jernigan told me about the program on your behalf...It is very useful for many cases, but unfortunately, not for the case at hand.

The sequential file i had used to produce the file (help,map,) that you looked at, has been transferred and is now <help>maps;l \*\*\*Also, I created the file MAPS.NLS from <help>maps;l using INSEQH and also the latter part of the file from using APPEND on (help,map,). If you look at the NLS file, you will observe that neither of these programs really does the job as they currently operate. Ant attention you could give this subject would be well appreciated - Also, I left you a note at the "tail" of maps.nls;l. Dean, I really appreciate your response and interest.....Thanks.....Jean

1

Response to NDM response : TENEX/NLS Compatibility

(J19972) 30-OCT-73 20:09; Title: Author(s): Jean Iseli/JI;  
Distribution: /NDM JBP(thought you might be interested in the two  
mentioned user-progs); Keywords:  
Sequential-file-TENEX-NLS-Compatibility-Dialog; Sub-Collections: NIC;  
Clerk: JI;

## Line processor Tests

Hello Doug:

We are back on the air again after being off for about a month awaiting line approval. Consequently I have not been able to help with your LP and DD tests. On that issue I shall get in touch with CHI in a few days when I have re familiarised myself with the system.

I hope to try to use DEX in the next few days also, and will use your id but no later than 1200 our time (we are now on GMT)... I would be interested in any progress reports on DEX2 and any easing of the restrictions on general usage.

By the way I have already talked to Ms. Jernigan who was very helpful on the day you left.. quite an experience having ones hand held from afar!!

All for now.. Steve

1

Line processor Tests

(J19973) 31-OCT-73 02:13; Title: Author(s): Stephen R. Wilbur/SRW;  
Distribution: /DCE; Sub-Collections: NIC; Clerk: SRW;

Jean, About 2 months ago, I asked you about the status of UCLA-CCBS on the Network. You passed my message on to Tom O'Sullivan at ARPA. Would it be possible to make the request for information again? I'd do it myself, except tha I don't know how best to reach Tom on the Net. Many thanks. Mike Leavitt

1



19974 Distribution  
Jean Iseli,

A MESSAGE TO AKW PRINTER USERS-31 OCT '73

## ITEMS FOR THE PRESENT:

It will no longer be necessary to use the Give Back command (@ 4 g b lf) at the end of the Sendprint scenario. However, the reset command sequence now reads as follows:

@ 4 r lf

@ 4 i e lf

@ 4 d r 503 lf

@ 4 s d w lf

@ 4 g b lf

IMPORTANT: The reset sequence should only be used after one has successfully completed the Sendprint scenario, that is a "try again?" was not received, but finds that no data is arriving at the printer. If a reset is executed while some one else is using the printer his data connection to the printer will be severed.

It appears that the feedback CAN'T T indicating that the printer port is in use no longer appears. However, when the user receives the following:

try again?

that means the printer port is in use. DO NOT DO A RESET.

## ITEMS FOR THE FUTURE:

It looks as though Sendprint will be supplanted by a similar subsystem called TIPCOPY. Not much is known about this change as yet.

1

1a

1a1

1a2

1a3

1a4

1a5

1b

1c

1c1

1d

1e

1e1

19975 Distribution

Larry M. Lombardo, Anna A. Cafarelli, Roberta J. Carrier, Donna R. Robilotta, David L. Daughtry, Richard H. Thayer, Frank J. Tomaini, Mike A. Wingfield, Edmund J. Kennedy, Ray A. Liuczi, Richard Calicchia, John W. Johnson, Donald Van Alstine, Dean F. Bergstrom, William P. Bethke, Frank S. LaMonica, William E. Rzepka, Rocco F. Iuorno, Frank P. Sliwa, Thomas J. Bucciero, Robert E. Doane, David A. Luther, Roger B. Panara, John L. McNamara, Joe P. Cavano, Duane L. Stone, Marcelle D. Petell, Josephine R. Stellato, Robert K. Walker, Thomas F. Lawrence, James H. Bair,

Request for Host Information

To: Site liaisons and station agents

I am about to prepare a definitive list of hosts on the network to be released to the net along with the latest network maps. I want to be sure I haven't missed anyone, so if you know of any new machines attached to the net within the last month, or coming on within the approaching couple of months, please inform me as soon as possible.

1

I would like to know 1)the official host name, 2)the type of machine, 3)any interfaces between the machine and its IMP, 4)the operating system, if relevant (e.g. Tenex, ANTS), 5)the projected date for attaching (if still in the future), and 6)the name of a contact.

2

Please respond to Nancy Neigus (617-491-1850 x511) or via net mail to NEIGUS@BBN-TENEX or NIC journal to NJN. Thank you.

3

## 19976 Distribution

Stan Golding, Steve G. Chipman, John P. Barden, Martha A. Ginsberg, Shirley W. Watkins, Janet W. Troxel, Connie D. Rosewall, Anita L. Coley, Carol J. Mostrom, Easter D. Russell, Leonard B. Fall, Peggy D. Irving, Roy Levin, M. P. McCluskey, Pitts Jarvis, Barbara A. Nicholas, Jacquie A. Priest, Terence E. Devine, Paul M. Rubin, Paula L. Cotter, O. A. Hansen, Dan Dechatelets, Robert Silberski, Marcia Lynn Keeney, Margaret A. (Maggie) Bassett, J. A. Smith, Leina M. Boone, Diana L. Jones, Nancy J. Neigus, Terry Sack, Frances A. (Toni) McHale, Lucille C. (Lucy) Gilliard, Ed J. Collins, Gary Blunck, John F. Heafner, David J. King, Sue Pitkin, Jerry Fitzsimmons, Gloria Jean Martin, Roberta J. Peeler, Craig Fields, Margaret Iwamoto, Dee Larson, Robert E. Doane, Brenda Monroe, Jeanne B. North, Pam J. Klotz Cutler Michael B. Young, Michael A. Padlipsky, Schuyler Stevenson, L. Peter Deutsch, John Davidson, Thomas O'Sullivan, Sol F. Seroussi, Scott Bradner, Robert H. Thomas, Michael J. Romanelli, Ronald M. Stoughton, A. D. (Buz) Owen, Robert L. Fink, Jeanne B. North, Steve D. Crocker, Thomas F. Lawrence, John W. McConnell, James E. (Jim) White, A. Wayne Hathaway, Patrick W. Foulk, Richard A. Winter, Harold R. Van Zoeren, Alex A. McKenzie, Abhay K. Bhushan, B. Michael Wilber, Edward A. Feigenbaum, Robert T. Braden, James M. Pepin, John T. Melvin, Jane A. Bialosky, Marion C. Bedell, Kasee N. Menke, Ruth Ann McDermott, Angie R. Yingling, Michael M. Dervage, Carolyn E. Taynai Donna R. Cooper, Jeffrey B. Rubin, John F. Wakerly, Tom C. Rindfleisch, Leonard B. Fall, David L. Hyde, Gary Blunck, Tom P. Milke, Alan H. Wells, Chuck R. Pierson, Carl M. Ellison, Robert P. Blanc, Jay R. Walton, Terence E. Devine, David J. King, William L. Andrews, Milton H. Reese, Kenneth M. Brandon, Lou C. Nelson, Jeffrey P. Golden, Richard B. Neely, Dan Odom, Robert G. Merryman, P. Tveitane, Adrian V. Stokes, David L. Retz, Reg E. Martin, Gene Leichner, Jean Iseli, James E. (JED) Donnelley, William Kantrowitz, Michael S. Wolfberg, Yeshiah S. Feinroth, Anthony C. Hearn, Robert M. (Bob) Metcalfe, Bradley A. Reussow, Daniel L. Kadunce, George N. Petregal



address/names/transmittal

marcia:

1) network mail box address

i would like to have no network delivery as i use the nic on a daily basis and will receive journal mail there as fast as any where.

2) names on rfcs

i agree that it is very useful to have name and organization in the upper right of rfcs, but it seems to me that the journal system could very easily do that automatically.

3)transmittal letter

your explanation of the transmittal letter situation is adequate.

--jon.

19977 Distribution  
Marcia Lynn Keeney,

A MESSAGE TO AKW PRINTER USERS-31 OCT '73-AN UPDATE

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@ 4 d r 503 lf

@ 4 s d w lf

@ 4 g b lf

IMPORTANT: The reset sequence should only be used after one has successfully completed the Sendprint scenario, that is a "try again?" was not received, but finds that no data is arriving at the printer. If a reset is executed while some one else is using the printer his data connection to the printer will be severed.

It appears that the feedback CAN'T T indicating that the printer port is in use no longer appears. However, when the user receives the following:

try again?

that means the printer port is in use or that the port is not set wild. So type in the following TIP commands but DO NOT DO A RESET.

@ 4 s d w lf

@ 4 g b lf

Now try again. If you receive another "try again?" then someone is using the printer.

## ITEMS FOR THE FUTURE:

It looks as though Sendprint will be supplanted by a similar subsystem called TIPCOPY. Not much is known about this change as yet.

19978 Distribution

Larry M. Lombardo, Anna A. Cafarelli, Roberta J. Carrier, Donna R. Robilotta, David L. Daughtry, Richard H. Thayer, Frank J. Tomaini, Mike A. Wingfield, Edmund J. Kennedy, Ray A. Liuczi, Richard Calicchia, John W. Johnson, Donald Van Alstine, Dean F. Bergstrom, William P. Bethke, Frank S. LaMonica, William E. Rzepka, Rocco F. Iuorno, Frank P. Sliwa, Thomas J. Bucciero, Robert E. Doane, David A. Luther, Roger B. Panara, John L. McNamara, Joe P. Cavano, Duane L. Stone, Marcelle D. Petell, Josephine R. Stellato, Robert K. Walker, Thomas F. Lawrence, James H. Bair,

TFL 31-OCT-73 12:39 19978

A MESSAGE TO AKW PRINTER USERS-31 OCT '73-AN UPDATE

(J19978) 31-OCT-73 12:39; Title: Author(s): Thomas F. Lawrence/TFL;  
Distribution: /RADC; Sub-Collections: RADC; Clerk: TFL;  
Origin: <LAWRENCE>MESS.NLS;8, 31-OCT-73 12:29 TFL ;



Request for ARPANET Newsletter Article

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Date: 31-OCT-73 1244-PST  
From: MITRE-TIP at SRI-ARC  
Re: ARPANET Newsletter : Harv-10 : NSF  
cc: wyatt at HARV-10  
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Joe:

Henry Chauncey, EDUCOM, indicated yesterday that you were pursuing a research effort under the aegis of NSF which was directed towards simplified and uniform interfaces for network users to access desired resources.

I would like to invite your consideration in writing an article for the network newsletter relative to this research, its aims, objectives, plans, and accomplishments. As you can well appreciate, this is a critically important area of research because of its broad potential impacts on network viability.

I would be most appreciative of your informing the ARPANET community about this important effort. For inclusion in the December Issue, I would need to receive the text prior to 25 November 1973.

Responses may be addressed to: ISELI@ISI, HELP@NIC, or to JI through the NLS Journal system, or, through the U.S. Mail to

Jean Iseli  
The MITRE Corporation  
1820 Dolly Madison Blvd.  
Westgate Research Park  
McLean, Virginia 22101

Regards, Jean  
-----

19979 Distribution

Jeanne B. North, Mil E. Jernigan, Joe B. Wyatt, Douglas C. Engelbart,  
Nancy J. Neigus,

JI 31-OCT-73 13:04 19979

Request for ARPANET Newsletter Article

(J19979) 31-OCT-73 13:04; Title: Author(s): Jean Iseli/JI;  
Distribution: /JBN MEJ JBW DCE NJN(FYI); Keywords:  
NSF-HARV-10-ARPANETNEWS-CCL; Sub-Collections: NIC; Clerk: JI;

DCE 31-OCT-73 14:11 19981

Visit Log: 30 Oct 73, Marc Henderson and Tom Humphrey, SRI

(Dick Watson, Mike Kudlick, Paul Rech and Charles Irby, see --  
19981,6:wg)

Visit Log: 30 Oct 73, Marc Henderson and Tom Humphrey, SRI

Marc Henderson is Assistant Director, Social and Urban Systems Division. Tom Humphrey is currently carrying the role of SRI's Knowledge Workshop Architect, for the Institute's own internal AKW exploration and application.

1

Dick Watson and I met Marc at the Management A seminar at the Family Farm last Spring, and at the B Seminar later Marc and I had a longer discussion about our respective backgrounds, activities, and mutual interests. He has worked in the computer field for a number of years, in IBM and SDC (other places perhaps, too). We agreed that we should get together again, and that I'd like to show him what we are doing.

1a

Tom has been asked by Dennis Finnigan to survey SRI's staff and activities for those related to the Knowledge Workshop (or perhaps the whole field of computer applications), with the thought in mind of doing something to increase the communication and coordination among them. For instance, there might be an internal seminar series organized. Tom and Marc had gotten together with respect to this matter, and Tom arranged for this meeting to help fill Marc in on ARC's activities.

1b

Marc arrived with a definite list of questions and working-relationship NP to discuss. The key element in the list concerned future possibilities in the working relationships between his division and our ISE Division (specifically, with the Information Sciences Laboratory, and ARC).

2

Tom and I handled this "key" topic in a first-pass way by describing the general concepts of Augmented Knowledge Workshop, Knowledge Workshop Architect, our Knowledge Workshop Utility, and the general working relationship that ARC is setting up with exploratory-application clients (including SRI). I explicitly brought out the difference between internal SRI applications (for which Tom's architect role is tentatively formulated as providing centralized coordination), and an external application for an SRI client, where the architect would eventually best be on the client's staff, but the promotion, initial help, and continuing liaison could be handled by whomever within the Institute was the logical interface with the client, based upon the substantive nature of the particular application.

3

Assuming that Marc would be able to return for more description and demonstration of our AKW tools and techniques, I spent the half hour or so available for this purpose during this visit to cover the very beginning -- one-frame editing, and the control devices and principles.

4



Visit Log: 30 Oct 73, Marc Henderson and Tom Humphrey, SRI

Action: Tom and Marc return together, when both have finished a next bit of travelling.

5

Tom's coordination assumed. Any experienced NLS user can provide the next few session of description and demonstration.

5a

NOTE for Tom: I'd like to have mutual exposure of Tom and Marc with various ARC staff, so would suggest to Tom that he tries to arrange to have this sort of sessions rotate a bit among the following: Dick Watson, Mike Kudlick, Paul Rech and Charles Irby.

6

7

19981 Distribution

Richard W. Watson, James C. Norton, Bonnar Cox, David R. Brown,  
Michael D. Kudlick, Paul Rech, Charles H. Irby, Jeanne M. Leavitt,

DCE 31-OCT-73 14:11 19981

Visit Log: 30 Oct 73, Marc Henderson and Tom Humphrey, SRI

(J19981) 31-OCT-73 14:11; Title: Author(s): Douglas C. Engelbart/DCE  
; Distribution: /rww jcn bc drb mdk pr chi jml (Jeanne: cc to  
Marc and Tom) ; Sub-Collections: SRI-ARC; Clerk: DCE ;

TENEX File : NLS : Compatibility

Dean: Have found that what would work well is a user program that performs insert sequential with no structure followed by an application of append to all the created statements where a  $\uparrow V<CR>$  were inserted as text between each statement and where the maximum number of characters per statement was expanded so that overflow to new statements could be avoided. Thanks for the suggestions, and look forward to the on-going dialog.....sincerely, jean

1

\*\*\*\*\*produced from insert sequential, no structure, and append with a  $\uparrow V<CR>$  inserted as text: loks like these two combined would make a good user-prog\*\*\*\*\*

A R P A N E T W O R K M A P

OCT 29, 1973 17:22

```

.---.UTAH          .---.ANTS .---.          .---.MITM          .---.CCA
UTAH              ILL CAC S47          MIT DMCG          CCAT
  4  ----- 12 ----- 47 ----- 6 ----- 31
      UTAT                                  MITI              CCAT
!----!          !----!          !----!          !----!MATH          !----!
    
```

```

.---.          .---.          .---.LL67 .---.
LBL          LLL          LL TX-2 MIT2
 34 ----- 21          10 ----- 44
      TSP
!----!          !----!          !----!          !----!
    
```

```

.---.          .---.NIC .---.MAXC .---.RADDC .---.          .---.NCC
HAWT          SRI SRAI XROX          RADT          S45          BBNT          BBN BBN
 36          2 ----- 32          18          45 ----- 30 ----- 5
      HAWT                                  RADT              BBNT          BBNB
!----!          !----!          !----!          !----!          !----!          !----!BBND
    
```

```

.---.I-10 .---.AMES          .---.CASE          .---.CMU .---.ACL
AMES I4-1 AMST          CASE          CMU CMUA HARV PDP1
 15 ----- 16          13 ----- 14          9
      I4-2          AMST                                  HRV2
!----! I4-3 !----!          !----!          !----!          !----!
    
```

2

```

.---.          .---.          .---.          .---.
FNWT          TYMT          GWCT          NOAT
 33 ----- 43          24 ----- 25
      FNWT          TYMT          GWCT          NOAT
    
```





19985 Distribution

James C. Norton, Mil E. Jernigan, Douglas C. Engelbart, N. Dean Meyer, Jonathan B. Postel,

TENEX File : NLS : Compatibility

(J19985) 31-OCT-73 13:31; Title: Author(s): Jean Iseli/JI;  
Distribution: /JCN MEJ DCE(might make a good expanded insert sequential  
command) NDM(expanded insert sequential?) JBP; Keywords:  
TENEX-NLS-Compatibility; Sub-Collections: NIC; Clerk: JI;

reply to (19963,) about delivery of messages directly to initials  
file

we will never be able to do away with inmes (or the equivalent  
command) as there will probably always be people who dnt wish there  
sndmsg sent to their initial files but who would like to now and  
then examine their message via nls. i agree that we should look into  
having sndmsg deliver messages directly to requested initial files  
(this already exists to some extent through jim whites efforts if the  
sender asks to have stuff delivered via the journal, but the other  
half of having the receiver requesting journal delivery of sndmsg  
does not exist.) offhand i dont know whats involved but i suspect it  
would not be out of the question.

1

19986 Distribution

N. Dean Meyer, Charles H. Irby, Douglas C. Engelbart, James C. Norton, James E. (Jim) White, Richard W. Watson,

KEV 31-OCT-73 13:40 19986

reply to (19963,) about delivery of messages directly to initials  
file

(J19986) 31-OCT-73 13:40; Title: Author(s): Kenneth E. (Ken)  
Victor/KEV; Distribution: /NDM CHI DCE JCN JEW RWW; Sub-Collections:  
SRI-ARC; Clerk: KEV;



Kirstein Meeting London

Kirstein cannot manage lunch Friday suggest you ring him on 340 3154  
late Friday 10 November or early Saturday 11 November if possible HA  
Lalla sec. to PT Kirstein

1

19988 Distribution  
David H. Crocker,

Kirstein Meeting London

(J19988) 1-NOV-73 03:36; Title: Author(s): Peter Kirstein/PK;  
Distribution: /DHC; Sub-Collections: NIC; Clerk: PK;

Tickler for 29 Oct - 9 Nov

(om5) 29 October - Monday

1

0830 hrs. Branch Chief's Meeting

1a

Briefing from Hughes Aircraft will be here to discuss what Hughes is doing in area of simulation and modeling, topics will include simulation language survey, ecss studies, simscript 2.5 studies and other areas of interest. Discussions will be informal. Point of contact - Roc Iuorno.

1b

1000 hrs. University of Michigan - R. Iuorno

1c

(ot5) 30 October - Tuesday

2

DL Technical Review

2a

(ow5) 31 October - Wednesday

3

DL Technical Review

3a

0830 hrs. Branch Chief's Meeting

3b

Form 2's (employee time expenditures) are due today.

3c

Form 6's (projected manpower) are due today.

3d

IR&amp;D Evaluations Due - ISC/Semeraro - Completed

3e

(nth1) 1 November - Thursday

4

DL Technical Review

4a

News Brief items due into Becky Today. Completed

4b

Bobbie: Personnel Strength Rpt. due. Completed

4c

Laboratory Activity Reports due today: Bucciero must have them by 1000, ISM must have them by 1100, and DOT must have them by 1600.

4d

Due Date - ISIM/D. Stone - Tech Eval of Cont Services with Imlac Corp - Completed

4e

(nfl) 2 November - Friday

5

Col Cosis - AFSC/DL will be here in the afternoon to visit & discuss a Management Information System for AFSC. Topics include Management Information Systems, Relational Data Bases and Data Management.

5a

Tickler for 29 Oct - 9 Nov

Bobbie: Travel figures due by noon.	5b
(nm2) 5 November - Monday	6
0830 hrs. Branch Chief's Meeting	6a
MASIS Meeting for Tom B. in Bldg. 106 at 0900 hrs. in Room A-119.	6b
Backup Material must be submitted to DORP for DL Overview Briefing.	6c
Dry Run to Commander runs through 5 - 16 Nov for DL Overview Briefing.	6d
Due Date - Determination of Final Invention Report on Contract F30602-73-C-0024 with Auerbach Associates Inc. - ISIM/D. VanAlstine	6e
(nt2) 6 November - Tuesday	7
0830 hrs. ISC Confessions	7a
(nw2) 7 November - Wednesday	8
0830 hrs. Branch Chief's Meeting	8a
Center MIS - Presentation to IS - E. Kennedy responsible	8b
(nth2) 8 November - Thursday	9
Laboratory Activity Reports due today: Bucciero must have them by 1000, ISM must have them by 1100, and DOT must have them by 1600.	9a
ISF Confessions 0830 hrs.	9b
(nf2) 9 November - Friday	10
Due Date - ISIM/Capt Daughtry - Sponsorship of AFIT Student Theses	10a
Timecards due today.	10b
Bobbie: Travel figures due by noon.	10c



19989 Distribution

Larry M. Lombardo, Anna A. Cafarelli, Roberta J. Carrier, Donna R. Robilotta, David L. Daughtry, Richard H. Thayer, Frank J. Tomaini, Mike A. Wingfield, Edmund J. Kennedy, Ray A. Liuczi, Richard Calicchia, John W. Johnson, Donald Van Alstine, Dean F. Bergstrom, William P. Bethke, Frank S. LaMonica, William E. Rzepka, Rocco F. Iuorno, Frank P. Sliwa, Thomas J. Bucciero, Robert E. Doane, David A. Luther, Roger B. Panara, John L. McNamara, Joe P. Cavano, Duane L. Stone, Marcelle D. Petell, Josephine R. Stellato, Robert K. Walker, Thomas F. Lawrence, James H. Bair,

Tickler for 29 Oct - 9 Nov

(J19989) 1-NOV-73 06:06; Title: Author(s): Frank J. Tomaini/FJT;  
Distribution: /RADC; Sub-Collections: RADC; Clerk: FJT;

LEG Visit Nov 6

Laura Gould (BBN) will be at ARC Tuesday November 6. She's coming here on her own (and BBN's) funds, at her request. Wants to talk with DVN about the Primer, MEJ about teaching over the NET, and anyone else about anything of interest to them and her. I asked her to read the past internal correspondence on the new command language, and suggested we spend some time talking about it. She'll be here in the morning, is able to stay as long as it's fruitful, and would come back the next day if desireable.

1

LEG Visit Nov 6

(J19990) 1-NOV-73 06:54; Title: Author(s): Michael D. Kudlick/MDK;  
Distribution: /SRI-ARC; Sub-Collections: SRI-ARC; Clerk: MDK;

19990 Distribution

Donald C. (Smokey) Wallace, Richard W. Watson, Don I. Andrews,  
A. Jim Blum, A. Analysis, Meredith(Reddy) E. Dively, Jeanne M.  
Leavitt, Rodney A. Bondurant, Jeanne M. Beck, Mark Alexander Beach,  
Judy D. Cooke, Marcia Lynn Keeney, Carol B. Guilbault, Susan R. Lee,  
Elizabeth K. Michael, Charles F. Dornbush, Elizabeth J. (Jake)  
Feinler, Kirk E. Kelley, N. Dean Meyer, James E. (Jim) White, Diane  
S. Kaye, Paul Rech, Michael D. Kudlick, Ferg R. Ferguson, Douglas C.  
Engelbart, Beauregard A. Hardeman, Martin E. Hardy, J. D. Hopper,  
Charles H. Irby, Mil E. Jernigan, Harvey G. Lehtman, Jeanne B. North,  
James C. Norton, Jeffrey C. Peters, Jake Ratliff, Edwin K. Van De  
Riet, Dirk H. Van Nouhuys, Kenneth E. (Ken) Victor



Secondary Distribution to RWW, JEW:

JI 30-OCT-73 07:55 19908

TENEX/NLS File Compatibility : A mini-suggestion

(JOURNAL, JRNL15, J19908: gwy)

19991 Distribution

Richard W. Watson, James E. (Jim) White, Nps Np, Richard W. Watson,  
Charles H. Irby,

(J19991) 1-NOV-73 07:49; Title: Author(s): Michael D. Kudlick/MDK;  
Distribution: /RWW JEW NP; Sub-Collections: SRI-ARC NP; Clerk: MDK;

## NIC Discussions

To: CFD, CHI, DCW, DSK, EKM, HGL, JAKE,  
JBN, JCN, JEW, KEV, MLK, PR, RWW

1

I would like to initiate a series of discussions among us about the  
NIC.

2

The purpose of the discussions is to determine:

3

what ARC views as the major problems, goals, and objectives of the  
NIC;

3a

what relationship there is and ought to be between ARC and NIC,  
and between the goals, objectives, and procedures of each;

3b

and how to make the NIC work for the Network and for ARC, namely,  
what solutions and procedures are desirable and practicable,

3c

I hope you will be able to spend whatever time it takes to reach an  
understanding of the above issues.

4

I've scheduled the first discussion meeting for Wednesday, Nov 7 at  
10:00 in the conference room. I hope that's convenient.

5

As background information, I suggest you read the NIC's Proposal to  
ARPA for work in the next two-year period, '74-'76. Marcia Keeney  
has copies of this. Also, see (RWW -- LJOURNAL,19870,1:wy) and  
(JAKE -- LJOURNAL,19874,1:wy) for discussions of the present ARC/NIC  
relationship.

6

... Mike Kudlick

7

19992 Distribution

Charles F. Dornbush, Charles H. Irby, Donald C. (Smokey) Wallace,  
Diane S. Kaye, Elizabeth K. Michael, Harvey G. Lehtman, Elizabeth J.  
(Jake) Feinler, Jeanne B. North, James C. Norton, James E. (Jim)  
White, Kenneth E. (Ken) Victor, Marcia Lynn Keeney, Paul Rech,  
Richard W. Watson,



NIC Discussions

(J19992) 1-NOV-73 09:13; Title: Author(s): Michael D. Kudlick/MDK;  
Distribution: /CFD CHI DCW DSK EKM HGL JAKE JBN JCN JEW KEV MLK PR RWW;  
Sub-Collections: SRI-ARC; Clerk: MDK;  
Origin: <KUDLICK>NOTE.NLS;5, 1-NOV-73 09:08 MDK ;

From: Padlipsky.CompNet at MIT-Multics

1

Date: 11/01/73 1213-est

2

3

Hi--

4

Glad to hear from you and infer that you're still alive.

5

So am I, I guess. Have been worrying about a Network

6

Users' Supplement to the Multics Programmers' Manual of

7

late. Also pushing for NETED (which seems to be making

8

it) and getting in whatever lobbying I can for UULP.

9

Have you been up to anything on the Great List of Things

10

to be Done?

11

cheers, map

12

19993 Distribution  
Michael D. Kudlick,

(J19993) 1-NOV-73 09:14; Title: Author(s): Michael A. Padlipsky/MAP  
; Distribution: /MDK ; Sub-Collections: NIC; Clerk: MAP;

From: Padlipsky,CompNet at MIT-Multics

Date: 11/01/73 1220-est

Afterthought:

It might be a Good Thing to have NETED(NLS) only treat  
as a "statement" a newline immediately preceded by a  
punctuation mark (or, at any rate, if that's too fancy  
by a period). That way, users won't have to worry abt  
ctl-v's and still will have some control over the NLSing.  
Of course, if you want to assume NLS knowledge, you could  
even make the keychar something like %, but I'm not  
sure that's necessary. I do think something beyond  
a simple newline implies new statement is a good idea,  
though.  
cheers, map

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19994 Distribution  
Richard W. Watson,

MAP 1-NOV-73 09:23 1994

(J19994) 1-NOV-73 09:23; Title: Author(s): Michael A. Padlipsky/MAP  
; Distribution: /RWW ; Sub-Collections: NIC; Clerk: MAP;

## Discription of &lt;SUBSYS&gt;ARCH-STATS.SAV

There is a new subsystem called <SUBSYS>ARCH-STATS.SAV which will produce an output file called <ACCOUNTS>ARCH-NOT-ALLOWED.TXT. This file contains a list of all the files in the system marked "Don't Delete" or "Don't Archive" and flags any such file which has not been written or read since a specified date. To run this subsystem, type ARCH-STATS<CR> (at the EXEC) and when it asks for the time limit type DATE<SP>TIME<SP or CR>. Then finished, the program will type "Job SUccessfully Completed". Only a wheel or operator can run this subsystem, as anyone else will get an incomplete list. If you have any questions or comments about it, please see me. Ferg

1

19995 Distribution

James C. Norton, Donald C. (Smokey) Wallace, Kenneth E. (Ken) Victor,  
Jeffrey C. Peters, A. Jim Blum,

Description of <SUBSYS>ARCH-STATS.SAV

(J19995) 1-NOV-73 11:18; Title: Author(s): Ferg R. Ferguson/WRF;  
Distribution: /JCN DCW KEV JCP JIMB; Sub-Collections: SRI-ARC; Clerk:  
WRF;



Response to [NIC#19976] : HOST Survey

Nancy: I spoke to Alex McKenzie this morning to suggest that such information as you mention in [NIC#19976] be collected into a file available to the net. Since you are doing this, I will abandon my effort to do it and attempt to support you in your effort. I will however, attempt to obtain better planning information and submit it to you; here the attempt is to form a joint: BBN/MITRE/RML/NIC planning file [not for public release] wherein all the planning information will reside relative to new hosts, IMPS, TIPS, or ALOHA "links". When this file is created, I will send you a link to it, and a key to unencrypt it. In the meantime, for your information, I know of the following pending installations [the status will have to be determined]; I will omit mention of those that Alex mentioned in his recent note to ARPA.

MENEHUNE [HP 2100] to HAWAII TIP  
 BCC 500 to HAWAII TIP  
 PDP-[?] to SUSSEX TIP  
 IMB 195 to PDP-[?] to SUSSEX TIP  
 CYBER 74 to NORSAR TIP  
 PDP-10 TENEX to UCLA IMP  
 [O'Sullivan-

See KUO@ISI or @BBN  
 Ditto  
 See KIRSTEIN@ISI  
 Ditto  
 ---  
 Sher : UCLA-CCBS

ARPA@ISI]

UNIVAC 1108 to CMU-IMP  
 PDP-11/Etc. Mini-Net to CMU

Newell@CMU-10  
 Newell

Nancy, read (help,november-inserts,) at NIC - the ALOHA and CMU prospects are mentioned in more detail in the co-featured site article to be inserted into the November ARPANET Newsletter; also, the interview with Frank Kuo has some relevant information about possibilities through the ALOHA/ARPANET Interface, such as Alaska, et al.

Hope this helps...will send more soon...Regards, Jean

1

19996 Distribution

Nancy J. Neigus, Mil E. Jernigan, Elizabeth J. (Jake) Feinler,  
Jonathan B. Postel, Steve D. Crocker, Susan S. Poh, Michael D.  
Kudlick, James C. Norton,

JI 31-OCT-73 15:21 1996

Response to [NIC#19976] : HOST Survey

(J19996) 31-OCT-73 15:21; Title: Author(s): Jean Iseli/JI;  
Distribution: /NJN MEJ JAKE JBP SDC2 SSP MDK JCN; Keywords:  
host-survey-n.jn; Sub-Collections: NIC; Clerk: JI;

response to 19974

Mike, the ucla PDP-10 is momentarily pending to the best of my knowledge. Don't think I can get a specific date at this time. As for Tom O'sullivan, he has an account at ISI and can be reached as: O'Sullivan@isi. Sorry I don't have anything more specific - but I believe it is very shortly going to be there. You might check NETSTAT periodically.

Regards,.....Jean

1

19997 Distribution  
M. R. Leavitt,



response to 19974

(J19997) 31-OCT-73 15:33; Title: Author(s): Jean Iseli/JI;  
Distribution: /MRL; Keywords: ucla-ccbs; Sub-Collections: NIC; Clerk:  
JI;

KEV 31-OCT-73 15:35 19998

proposal for big characters in standard tenex

please read and comment on this so i can send it to bbn

proposal for big characters in standard tenex

The following is a design proposal for non-standard input from terminal devices. This proposal grew out of work at SRI-ARC and this specific proposal is the result of a discussion that took place at SRI-ARC on 10/24/73 between Ken Victor and Smokey Wallace of SRI-ARC and Ray Tomlinson and Jerry Burchfield of BBN.

## Definitions

A Big Character is a sequence of 7-bit bytes (whose value is greater than 40 octal) input from a terminal. However these bytes are not standard input, but may consist of such information as coordinate information from a display terminal, or the time from an "intelligent" terminal, etc.

The reason for choosing 7-bit bytes with values greater than 40 octal is to minimize the interference that may arise when using this feature through the arpa network.

## Big Character Syntax

A Big Character consists of a start of sequence character (BCESC), followed by a count byte (BCNT), followed by count data bytes (BCDBYTES):

BCESC BCNT BCDBYTES

BCESC will be some control character (not above 40 octal). It may be that we should use the defined ASCII DLE. However, there are certain advantages within TENEX of using a 34:

a 34 is a non pseudo-interrupt character which simplifies some of the implementation

it is not easy to inadvertently type a 34 from many terminals

a 34 will appear deliberately in the input stream relatively infrequently thus minimizing the time needed in processing to check for "doubled" BCESC bytes

BCNT is the count plus 40 octal of the number of data bytes which follow, or it is another BCESC

A BCNT of BCESC indicates that this Big Character ( BCESC BCESC ) is a doubled BCESC.

BCDBYTES are BCNT-40 7-bit data bytes.

They should all be offset by some number to place them in the range 40 octal to 177 octal.

## proposal for big characters in standard tenex

There is absolutely no semantics applied to the data bytes by TENEX.

3d2

## Monitor Implementation

4

## Big Buffer Time

4a

When the monitor reads a BCESC from a terminal that is not sending Big Characters, then it acts as if the user typed the BCESC, with the one exception that the two character sequence BCESC BCESC must be placed in the individual line buffer.

4a1

(This avoids the synchrony problem of a terminal changing its state between big buffer time and TCI time.)

4a1a

When the monitor reads a BCESC from a terminal that is sending Big Characters, then the monitor merely sets a state variable indicating this fact. (Specifically, no echoing is performed, no wakeup occurs, no pseudo-interrupts occur, nothing is placed in the line buffer at this time, etc.)

4a2

When the monitor reads the next character from the terminal, i.e. the BCNT,, if this new character is also a BCESC then,

4a2a

the monitor must reset the state variable indicating it saw a start of big character sequence BCESC and then act as if the BCESC came from a terminal that is not sending Big Characters (see above).

4a2a1

If this second character was not a BCESC, then the monitor changes its state variable to indicate that it has -BCNT+40 bytes of binary data to read.

4a2b

This second byte was read in binary mode. (Specifically, no echoing is performed, no wakeup occurs, no pseudo-interrupts occur, etc.)

4a2b1

At this time, the monitor should place the two character sequence BCESC BCNT in the line buffer for this terminal.

4a2b2

(It would be nice if the monitor could buffer up an entire Big Character and then place the whole thing in the line buffer at one time. This, while being unrealistic, would solve the synchrony problem that will exist with CFIBF )

4a2b2a

For the next -BCNT+40+1 bytes all that happens at big buffer time is that characters are read from the big buffer and placed in the proper line buffer.

4a2b3



## proposal for big characters in standard tenex

After the monitor reads the last data byte of a Big Character it must reset its state variable to its initial state, and at this time it decides whether or not to wake up the user process (this is dependent on which wakeup class Big Characters are in and whether the user process has that class enabled for wakeup).

4a2b4

## TCI Time

4b

Whenever there are two successive BCESCs in the line buffer, a user program gets one BCESC returned by a PBIN.

4b1

If a program that is not enabled to receive Big Characters issues a PBIN and there are Big Characters in the line buffer, then all bytes of the Big Character are thrown away (even those that may not yet be in the line buffer) and the program gets the next small character. Thus the monitor must keep count of where within a Big Character it is.

4b2

If a program that is enabled for Big Characters issues a PBIN, the program gets successive bytes of the Big Character with each successive PBIN. However, the program gets these bytes in binary mode, i.e., no deferred echoing takes place and no deferred pseudo-interrupts are generated.

4b3

Care should be taken so that if a program changes its Big Character enabled state in the middle of a Big Character to do the best thing:

4b4

Namely to discard the rest of the current Big Character.

4b4a

## Advise time

4c

Care should be taken to make sure that advising still works:

4c1

If a terminal sending Big Characters is advising a terminal that doesn't send Big Characters, the Big Characters should be thrown away.

4c1a

If a terminal that doesn't send Big Characters is advising a terminal that sends Big Characters, any BCESCs that are sent must be "doubled".

4c1b

## STI

4d

This is a policy that has to be decided:

4d1

Should an STId BCESC be "doubled" or not?

4d1a



proposal for big characters in standard tenex

At SRI-ARC we have chosen to "double" BCESC at STI time, but it could also be done the other way.

4dlb

Modified Jsies

5

Jsies RFMOD, SFMOD, and STPAR should be modified to enable the setting and reading of two additional bits (someplace in TTFLGS?):

5a

one bit to indicate that the terminal is or is not sending Big Characters (this bit should be set by STPAR), and

5a1

one bit to indicate whether or not to throw away Big Characters when the user program does a PBIN or the equivalent (this bit should be set by SFMOD).

5a2

(NOTE: While this proposal is not proposing that STPAR send anything to the terminal when the state of the bit indicating that the terminal is sending Big Characters changes, it would solve many problems if this did happen.

5b

Consider what happens in the following case if STPAR (or some other jsys) can not tell the terminal to stop/start sending Big Characters:

5b1

a user program issues the STPAR saying that his terminal will be sending Big Characters; then the user program communicates with his terminal and tells it to send the Big Characters; then (because of a bug?) the user program logs off. Now another user (or the same user) types a ^C on that terminal; SYSINE code issues the following jsies: STTYP, STPAR, and SFMOD; now the terminal is still sending Big Characters but the monitor is unaware of this fact; now when the monitor receives a Big Character from a terminal the following will happen (making the terminal virtually useless without going into MDDT and changing bits):

5b1a

The monitor will "double" the start of sequences BCESC and the user program will get a BCESC when it does a PBIN

5b1a1

the remaining bytes of the Big Character will look to the monitor like normal TTY characters and will be echoed, etc. and the user program will get them when it issues PBINS causing strange results

5b1a2

We have conceptually dealt with this problem at SRI-ARC as follows:

5b2

We have added a bit to the TTYPE table that indicates

## proposal for big characters in standard tenex

whether or not a terminal type is capable of sending Big Characters. 5b2a

We have added a bit to TTFLGS (actually to another cell, but conceptually to TTFLGS) that indicates whether or not a terminal is sending Big Characters. 5b2b

The STTYP jsys performs the following additional functions: 5b2c

If a terminal's type is changed from one that is not capable of sending Big Characters to a type that is capable of sending Big Characters, then the STTYP jsys sends out the needed commands to the terminal telling it to send Big Characters. 5b2c1

If a terminal's type is changed from one that is capable of sending Big Characters to a type that is not capable of sending Big Characters, then the STTYP jsys sends out the needed commands to the terminal telling it to stop sending Big Characters. 5b2c2

If a terminal's type is changed from one that is capable of sending Big Characters to a (possibly another) type that is capable of sending Big Characters, then the STTYP jsys sends out the needed commands to the terminal telling it to send Big Characters. (This solves some problems of dialup lines and program crashes in intelligent terminals.) 5b2c3

If a terminal's type is changed from one that is not capable of sending Big Characters to a (possibly another) type that is not capable of sending Big Characters, then the STTYP jsys does nothing extra. 5b2c4

Note that this scheme requires standardizing on the commands to be sent to the terminal to tell the terminal to (not) send Big Characters. 5b2d

Note that in some cases (with dialup lines) that some extraneous meaningless characters may be sent to a terminal. 5b2e

19998 Distribution

Charles H. Irby, Ferg R. Ferguson, Don I. Andrews, Richard W. Watson,

proposal for big characters in standard tenex

(J19998) 31-OCT-73 15:35; Title: Author(s): Kenneth E. (Ken)  
Victor/KEV; Distribution: /CHI WRF DIA RWW; Sub-Collections: SRI-ARC;  
Clerk: KEV;  
Origin: <VICTOR>BIG-CHARACTERS.NLS;3, 31-OCT-73 15:33 KEV ;

Public Health Interview : Hetherington

Barbara:

For the interview, all you have to do is arrange to telnet Bob either to ISI or the NIC. Then have him link to either iseli@isi or MITRE-TIP@nic and I can take care of the rest.

Incidentally, any news from CCN for ARPANEWS? The CCN newsletter has very little appropriate to network users.

Best regards, Jean

1



19999 Distribution

Barbara Noble, Mil E. Jernigan,

JI 31-OCT-73 17:49 19999

Public Health Interview : Hetherington

(J19999) 31-OCT-73 17:49; Title: Author(s): Jean Iseli/JI;  
Distribution: /BN(trying to use sndmsg both at nic and isi, but data  
error prevailed...is there a secret?) MEJ; Keywords:  
UCLA-CCN-Public-Health-Interview; Sub-Collections: NIC; Clerk: JI;

NORSAR-TIP NETWORK ADDRESS

ATTENTION DOUG ENGELBART.THIS JUST TO TRY THE NLS AND THE JOURNAL 1  
SUBMISSION.ALSO WANTED TO ASK YOU IF THERE WILL BE ANY CHANGE IN OUR 2  
USER NAME  
N O R S A R - T I P. YOU ASKED ME TO CALL BACK ON YOU,REMEMBER? 3  
THE PEOPLE AT NDRE ARE ALSO NOW BEGINNING TO USE THE SNDMSG FEATURE 4  
,AND SOME CONFUSION MIGHT ARISE.IN YOUR FIRST MSG TO ME, YOU 5  
MENTIONED  
PERSONAL FILES ON EACH ID, BUT SO FAR ONLY NORSAR-TIP MAY BE USED AS 6  
NETWORKADDRESS?MAYBE THIS WILL BE NO PROBLEM AFTER ALL, IF WE 7  
PRINT THE PERSONS NAME IN THE TITLE, AS MIL TOLD ME. 8

20001 Distribution  
Douglas C. Engelbart,

DRM 1-NOV-73 13:27 20001

NORSAR-TIP NETWORK ADDRESS

(J20001) 1-NOV-73 13:27; Title: Author(s): Dag Rieber-Mohn/DRM;  
Distribution: /DCE; Sub-Collections: NIC; Clerk: DRM;  
Origin: <NORSAR-TIP>MSG-FROM.;1, 1-NOV-73 13:23 DRM ;



ARC/NIC video tape request.

We have received requests for the half-hour half-inch video tape of the Augmentation Research Center and Network Information Center. Could you make a copy and return the original?

Kirk Kelley  
Augmentation Research Center  
Stanford Research Institute  
Menlo Park, California 94025

20003 Distribution  
Ric L. Treleaven,

ARC/NIC video tape request.

(J20003) 1-NOV-73 14:23; Title: Author(s): Kirk E. Kelley/KIRK;  
Distribution: /RLT; Sub-Collections: SRI-ARC; Clerk: KIRK;

Catalog Bug?

I have tried to jump to (18259,) and (19025,) and been told that the documents are not online. They are quite recent (last week of September). When trying to interrogate <journal>18259.nls, I am told the file is not archived. I mentioned this to Jim Norton, last night. I am sending you-all this, in order to make the complain official.  
Dave.

1

20004 Distribution

Dirk H. Van Nouhuys, Bgs Bugs, Diane S. Kaye, Harvey G. Lehtman,  
Charles H. Irby, James C. Norton,



Catalog Bug?

(J20004) 1-NOV-73 16:46; Title: Author(s): David H. Crocker/DHC;  
Distribution: /DVN BUGS JCN; Sub-Collections: NIC BUGS; Clerk: DHC;

USING/USERS/used up

Marcia -- I am sorry there has been so much hassle about using/users. My intent was merely to make sure that it was easy to send notes to everyone. The groups were NOT merged. USERS merely became a member of USING. (which was a mistake. it should have been the other way around, with USING a member (steering committee?) of USERS). at any rate, as soon as you acknowledge receipt of this, I will separate them, to what they used to be.

The main thing is to have BOTH groups get the notes for BOTH groups. I suppose that as long as you know about that, we needed fool with the groups membership list.s

Again, sorry for the hassles. Dave.

20005 Distribution  
Marcia Lynn Keeney,

USING/USERS/used up

(J20005) 1-NOV-73 16:50; Title: Author(s): David H. Crocker/DHC;  
Distribution: /MLK; Sub-Collections: NIC; Clerk: DHC;

BUG in Journal system on SRW (19973,) message and (19987,)

Dave Hopper (JDH): As chief developer and custodian of the Journal machinery, here's an odd one for you to contemplate. the first two substatements below represent citations I got within a day of each other. When I did Jump Link on the second citation's link, I got the file whose origin statemnt I copied for you, as the third substatement below.

1

SRW 31-OCT-73 02:13 19973

Line processor Tests

Message: Hello Doug:

We are back on the air again after being off for about a month awaiting line approval. Consequently I have not been able to help with your LP and DD tests. On that issue I shall get in touch with CHI in a few days when I have re familiarised myself with the system.

I hope to try to use DEX in the next few days also, and will use your id but no later than 1200 our time (we are now on GMT)... I would be interested in any progress reports on DEX2 and any easing of the restrictions on general usage.

By the way I have already talked to Ms. Jernigan who was very helpful on the day you left.. quite an expreience having ones hand held from afar

All for now.. Steve

1a

SRW 1-NOV-73 03:28 19987

Line Processor Tests

Location: (LJOURNAL, 19987, 1:w)

\*\*\*\*\*Note: possibly second copy\*\*\*\*\*

1b

<LJOURNAL>19987.NLS;1, 1-NOV-73 12:31 XXX ; Title: Author(s): Stephen R. Wilbur/SRW; Distribution: /DCE(possibly second copy) HRG; Sub-Collections: NIC; Clerk: SRW; Origin: <JOURNAL>JRNL15.NLS;77, 31-OCT-73 14:42 XXX ; 19630 19631 19632 19633 19638 19641 19642 19643 19644 19645 19647 19648 19650 19651 19652 19653 19654 19656 19657 19660 19668 19669 19673 19675 19678 19681 19722 19723 19726 19727 19728 19729 19732 19735 19736 19737 19738 19739 19742 19744 19747 19750 19752 19753 19766 19767 19768 19769 19771 19774 19775 19777 19779 19781 19784 19785 19787 19788 19789 19790 19791 19792 19793 19818 19819 19820 19823 19825 19826 19828 19832 19833 19836 19838 19839 19843 19845 19848 19850 19851 19854 19857 19858 19863 19867 19868 19869 19872 19880 19882 19884 19885 19886 19887 19888 19893 19895 19896 19897 19899 19900 19901 19902 19903 19904 19905 19907 19908 19909 19917 19918 19920 19963 19964 19965 19966 19968 19969 19970 19972 19973 19974 19977 19986

1c



Line Processor Tests

Seems to me to be a foul-up of the Journal machinery. Or did someone do a procedural goof? From the text of the third substatement, I assume that

2

the second message was from a re-submission of his own earlier message by Steve Wilbur (SRW), University of London.

2a

and that somehow the Journal message got entangled with origin etc.

2b

A little earlier, I had tried to get some pre-assigned numbers, and was told that the number file was exhausted (or some words to that effect). Is this goof the result of numbers being exhausted? If so, what needs be done to safeguard against this happening in the future?

3

Very new operators under trial.

4

20006 Distribution

Bgs Bugs, Diane S. Kaye, Harvey G. Lehtman, Charles H. Irby, J. D.  
Hopper, James C. Norton, Richard W. Watson, Stephen R. Wilbur,

DCE 1-NOV-73 16:55 20006

BUG in Journal system on SRW (19973,) message and (19987,)

(J20006) 1-NOV-73 16:55; Title: Author(s): Douglas C. Engelbart/DCE  
; Distribution: /bugs jdh jcn rww srw ; Sub-Collections: SRI-ARC  
BUGS; Clerk: DCE ;

re 19972

Jean: Went to look at (help,maps,) and it wasn't there Can you give me some help in finding it? I am anxious to develop smoother interfaces between ARC and the world. I appreciate your interest and help in finding the problems and suggesting solutions. I hope we can facilitate this whole area. Hear from you soon? --Dean

1

20007 Distribution

Jean Iseli, James C. Norton,



NDM 1-NOV-73 17:30 20007

re 19972

(J20007) 1-NOV-73 17:30; Title: Author(s): N. Dean Meyer/NDM;  
Distribution: /JI JCN(fyi); Sub-Collections: SRI-ARC; Clerk: NDM;

user-oriented-user-prog-language : OP Suggestions

(dnc)

1

Dave: Have just read your two latest [#19860 and #19859] and noticed a recurring problem that we also have with the ARPANET Newsletter and assorted submissions to it: namely, that the output processor directives are both annoying and distracting to what it is that is said in the journal item. Game to help me promote two suggestions? they are:

1a

Why not augment the O[utput] D[evice] T[eletype] command with a new command : O[utput] D[evice] N[ls file] (name). The command, or its equivalent, would take a file with embedded output processor directives and transform it to a named NLS file without directives but where the directives would have taken effect. An option to the command would be required to have the transformed file consist of statements all at the same plex....this would be of immense help to the ARPANET Newsletter and also be of real benefit to many users.

1a1

Also, when I R[ead] J[ournal Mail], and a journal item has output processor directives, i am equally annoyed. Why not extend the command so that it looks ahead and when it spots directives in an item, it automatically invokes O[utput] D[evice] T[eletype] for that item and then returns to normal procesing [as is now the case].

1a2

I believe that these at a minimum are needed and would appreciate your support in making a joint suggestion to the NIC; am also open to others which I am sure you have thought about since you use the OP so extensively. Thanks dave.....Jean

1b

Further idea: what would you think of making your job management ideas table driven and take the user-programs at the nic and create an extensible, user specific definable, language [each user creates his own from the library of user programs, which he can extend if needed] so that a user-program subsystem were available to extend basic NLS capabilities; ie, stylized to user habits. The user-programs would need to be completely self-describing, but that could be done through the emergent "help" facility [ie: ?, help, describe]....wanna pursue it?

1c

20009 Distribution

Jonathan B. Postel, David H. Crocker,

Test message

hello hugh this is a demonstration message. it will not tell you very much

regards steve

1

20010 Distribution  
Hugh R.G. Gamble,



RADC sponsorship of AFIT thesis

RADC has a request for thesis topics for AFIT students..in that respect ISI must submit one or more study areas related to R&D requirements existing in this office. The topics must be appropriate for thesis work.. Kindly submit ideas (75 words) to Capt Daughtry by tuesday ; 6 November. I need the help friends.... signed Dave.

1

20011 Distribution

Duane L. Stone, Joe P. Cavano, Roger B. Panara, Edmund J. Kennedy,  
Frank J. Tomaini, Dean F. Bergstrom, William E. Rzepka, Frank S.  
LaMonica,