

Stanford Research Institute
Augmentation Research Center
333 Ravenswood Avenue
Menlo Park, California 94025

Sylvia Mayer
ESD/MCI Stop 36
Electronic Systems Division
L.G. Hanscom Field
Bedford, Mass. 01730

Dear Sylvia:

There will probably be a TNLS class at BBN in Cambridge on June 20-22. We could save a place for you or for someone from your group if you let us know by May 21.

1

Sincerely,

Dirk van Nouhuys
Augmentation Research Center

kfb

14997 Distribution

**Nancy J. Neigus, Marilyn F. Auerbach, Michael D. Kudlick, Duane L.
Stone, Richard W. Watson,**

(J14997) 16-MAY-73 11:17; Title: Author(s): Dirk H. Van Nouhuys/DVN;
Distribution: /NJN(link to Sylvia Mayer item <journal,16273>) MFA MDK
DLS RWW; Sub-Collections: SRI-ARC; Clerk: KFB;
Origin: <BYRD>MAYERLETTER.NLS;2, 14-MAY-73 11:39 KFB ;

Letter to A. E. Gribble cf (17772,)

Stanford Research Institute
Augmentation Research Center
333 Ravenswood Avenue
Menlo Park, California 94025

Mr. A. E. Gribble
NASA, Langley Research Center
Langley Station
Hampton, Va. 23365

Dear Gene:

Some initial input for your recruiting job. These come from Charles Dornbush, who works with us now but previously was with CDC.

1

All of these people have had over one year experience with the STAR-65 machine. They all currently work for CDC and in Charles' estimation, might be willing to consider opportunities for more interesting work with NASA:

2

Mr. John Lovegren - operating systems, applications
St. Paul, Minnesota

2a

Mr. John Thompson - languages, software engineering
1330 Hillcrest Drive
Fridley, Minnesota 55432
(612) 631-0531 X2992

2b

Mr. William Hubrick - command and control languages
St. Paul Minnesota

2c

Mrs. LaVonne Hansen - assemblers, utilities, emulation
6433 Charing Drive, Unit #6
Mississauga, Ontario, Canada
(416) 826-1348 (home)
270-1500 (work)

2d

Sincerely,

Douglas C. Engelbart,
Director
Augmentation Research Center

Letter to A. E. Gribble cf (17772,)

kfb

Gribble/Engelbart

Page 2

Letter to A. E. Gribble cf (17772,)

(J14998) 24-JUL-73 14:34; Title: Author(s): Douglas C.
Engelhart/DCE; Sub-Collections: SRI-ARC; Clerk: KFB;
Origin: <BYRD>GRIBBLELETTER.NLS;5, 24-JUL-73 14:14 KFB ;

Account 3 on March 10 and 12

Dear Jeanne,

Has Account number 3 gone away permanently? Will account number 1 stay around always? What account am I really supposed to use? Does changing the account number without warning help new (or old) users to get info from NIC?

Alex

1

AAM 12-MAR-73 5:47 14999

Account 3 on March 10 and 12

(J14999) 12-MAR-73 5:47; Title: Author(s): McKenzie, Alex A. /AAM;
Distribution: /JBN; Sub-Collections: NIC; Clerk: AAM;

document request

Please send me 1 copy of NIC 8142 (Marril,CCA). Thanks, Buz

1

ADO 12-MAR-73 17:57 15000

document request

(J15000) 12-MAR-73 17:57; Title: Author(s): Owen, A. D. (Buz) /ADO;
Distribution: /SRL; Sub-Collections: NIC; Clerk: ADO;

note

Thanks for the help. I dont know what happened to NIC but they
sure seemed to be dead for awhile. I got the dRFC's and they
should provide some rather heated discussion at Friday's meeting.
thanks again.....day

1

DAY 12-MAR-73 18:33 15001

note

(J15001) 12-MAR-73 18:33; Title: Author(s): Day, John D. /DAY;
Distribution: /JEW; Sub-Collections: NIC; Clerk: DAY;

John, I have added some things to your staffmeet file. Are you going to read this during the week? Am I using the proper procedure? FROM DEANE.

1

James- When is an updated copy of the general users manual going to be available? FROM DEANE

1

(J15003) 12-MAR-73 8:23; Author(s): Bergstrom, Dean F. /DFB;
Distribution: /JHB; Sub-Collections: RADC; Clerk: DFB;

another user query capability

A user should have the ability to find out the size of a character sequence (file, branch, plex, or statement; i.e., any specifiable entity) without printing it out. The format could be the same as a regular command:

command ADDR [ADDR]

With the nls response being a statement of the number of printable (not just visible) characters.

(Print Entity addr xc will give a good feel for the size but is awkward and time-consuming)

1

DHC 12-MAR-73 11:01 15004

another user query capability

(J15004) 12-MAR-73 11:01; Title: Author(s): Crocker, David H. /DHC;
Distribution: /NP; Sub-Collections: NIC NP; Clerk: DHC;

What's the status of the meeting on the 19th?

Anythin else up?

1

DHC 12-MAR-73 17:05 15005

(J15005) 12-MAR-73 17:05; Author(s): Crocker, David H. /DHC;
Distribution: /MDK; Sub-Collections: NIC; Clerk: DHC;

Response to Borden meeting

I think we need meetings on evaluation and training similiar to that recently held on terminals--to review the progress and plans in each of these areas.

Response to Borden meeting

I am not familiar with the CCA. I need some tutoring. Some naive questions:

What type of resources would be required to administer this ?

1

1a

What kinds of changes would you expect to occur?

1b

What would you do with this information if you had it?

1c

Where does this fit within the overall plan for evaluation--seems like a new item to me?

1d

I agree with the problems associated with "comparative performance" approach to evaluation. This Division is not prepared to make the necessary sacrifices; and therefore should stop talking about a comparative performance type evaluation--except in the most restricted sense. We should have a real knock-down-drag-out session on the topic of which performance evaluations we can afford to do; given our limited manpower resources and the general climate of the IS environment. We do not now seem to have any generally agreed upon list of desirable tests to be made and certainly no priority for them.

2

Re training:

3

The ability to train additional users is dependent upon the availability of--

3a

terminals

3a1

comm lines between terminals and TIP.

3a2

ports into NLS.

3a3

sufficient quantity and quality of NLS service

3a4

a plan for gathering data from the training exercise.

3a5

a solid rationale for training new people.

3a6

trainners.

3a7

training aids/documentation.

3a8

Kennedy and possibly Borden MAY HAVE BEEN good candidates for recording experiences in learning TNLS. I feel however, that we are skirting the hard problem in the training area--from an evaluation viewpoint. We still need a fairly objective set of

Response to Borden meeting

tests to determine the level and rate of TNLS/TENEX skill acquisition. We need it for several reasons:

4

To satisfy our own curiosity--To see if there is any correlation between rate of skill acquisition and previous computer experience, job type, age, sex, etc.--etc--etc.

4a

To allow us to predict the manpower investment that would have to be made in training if the technology were to be introduced into another environment--even to the other branch in the Division.--We should have these tests developed and pilot runs made BEFORE any attempts to train the other section; so that we can get useful data from their training--not just make it another burdensome exercise.

4b

Weekly visits by Mary would be more fun than by Borden. However I suspect that the data collected will not be particularly useful--unless the interviewer is instructed to ask certain questions, ie; did you find a particular feature of the system useful/harmful this week? Did you successfully complete a job (memo, meeting note, effort update)?--If not what was the reason? ie; system down/inaccessible, not trained well enough, had no job appropriate, etc?

4c

Suggest that a CHRON file be created for each directory by you or I and that people be aware that it exists and what its purpose is. Mary should be responsible for looking at everyone's once a week and after cross checking with the usage statistics; send message or personally visit the individual to try to find out why he is not using the system or why he is not using the CHRON file.

4c1

15006 Distribution

McNamara, John L. , Kennedy, Edmund J. , Bair, James H. , Lawrence,
Thomas F. ,

DLS 12-MAR-73 7:15 15006

Response to Borden meeting

(J15006) 12-MAR-73 7:15; Title: Author(s): Stone, Duane L. /DLS;
Distribution: /JLM EJK JHE TFL ; Sub-Collections: RADC; Clerk: DLS;
Origin: <STONE>MEET.NLS;1, 12-MAR-73 7:07 DLS ;

BPC 12-MAR-73 10:12 15007

Tree-Meta Information Request

Received as SNDMSG and converted into NLS file.

Tree-Meta Information Request

9-MAR-73 16:25:22,685

Net mail from site BBN-TENEX rcvd at 9-MAR-73 16:25:20

Date: 9-MAR-73 1447

From: COSELL at BBN-TENEX

Re: TREE META

I AM TRYING TO LEARN ENOUGH ABOUT TREE META TO BUILD A SIMPLE ASSEMBLER (FOR THE LOCKHEED SUE). DON WALLACE GAVE ME COPIES OF NIC 14045 AND 14046. UNFORTNATELY, THESE ARE NOT QUITE LUCID ENOUGH TO ALLOW ME TO FORGE AHEAD. I THINK THAT THE DETAILED EXAMPLE WOULD HELP A LOT. ACTUALLY, ANY EXAMPLE OF A COMPLETE LANGUAGE SECIFICATION IN TREE META WOULD PROBABLY BE ENOUGH HELP.

BUT ANYWAY, IS THERE ANY FURRRHER DOCUMENTATION I CAN LOOK AT BEYOND THE TWO DOCUMENTS MENTIONED? THANKS

BERNIE COSELL (COSELL@BBN-TENEX)

BPC 12-MAR-73 10:12 15007

Tree-Meta Information Request

(J15007) 12-MAR-73 10:12; Title: Author(s): Cosell, Bernie P. /BPC
; Distribution: /chi dia dcw rww mdk ; Sub-Collections: NIC; Clerk:
HGL;
Origin: <LEHTMAN>MESS.;1, 12-MAR-73 9:19 HGL ;

What About Roving TNLS Follow-up? See JEW's (14973,)

JEW's suggestion concerning roving TNLS classes (14973,) is very good. It reminds me of another idea: follow up on earlier classes. What sort of feedback have we had or, more importantly, sought from members of previous NLS classes. We should find out how often people use NLS facilities, which parts they use, which parts they don't use and why. We should also show we care about their plight.

1

Perhaps some important parts of the system were not clearly explained in the classes and thus we have disgruntled users. Also, the implementation for TNLS-Network users may not be perfect (an understatement), and only the most vocal and sure users would make use of the bugs file; the others would just stop using the system.

2

This follow up should be in the users environment to be of the greatest value.

3

HGL 12-MAR-73 9:34 15008

What About Roving TNLS Follow-up? See JEW's (14973,)

(J15008) 12-MAR-73 9:34; Title: Author(s): Lehtman, Harvey G. /HGL;
Distribution: /sri-arc ; Sub-Collections: SRI-ARC; Clerk: HGL;
Origin: <LEHTMAN>MESS.;1, 12-MAR-73 9:19 HGL ;

Response to (14979,): Xeroxing

I read your message on xeroxing (14979,1). Good thinking. I wonder how much 3 more bins cost.... and are they easily added? If so, we should add them. I think DVN can look at this and help order. Comparing our monthly bills for Jan and February is also a good idea. I'll try to get the data out of the SRI system and look at it with you. Thanks for the study.

1

JCN 10-MAR-73 14:30 15009

Response to (14979,): Xeroxing

(J15009) 10-MAR-73 14:30; Title: Author(s): Norton, James C. /JCN;
Distribution: /DVN MDK SRL; Sub-Collections: SRI-ARC; Clerk: JCN;

Response to (14980,): NIC Envelopes

About the NIC envelopes: I'm sure they would be used well and would save effort we could better apply to other tasks. The decision is up to Mike Kudlick. I would think the wording and layout would be worth looking at closely to get the best "reaction" from our NIC public - not too flashy. Anyway, here's my 2 cents worth (times 6,500)

1

JCN 10-MAR-73 14:41 15010

Response to (14980,): NIC Envelopes

(J15010) 10-MAR-73 14:41; Title: Author(s): Norton, James C. /JCN;
Distribution: /SRL MDK DVN JBN; Sub-Collections: SRI-ARC; Clerk: JCN;

MICHAEL,

COORDINATOR IS A TERM EMPLOYED TO DESIGNATE THE PERSON RESPONSIBLE FOR MEMBERSHIP WITHIN A GROUP. PROPERLY, CACI IS NOT A GROUP; NOR ARE IDENTs UNDER THE MITRE-TIP DIRECTORY. IF YOU WOULD LIKE TO HAVE CONTROL OVER CACI MEMBERSHIP - NO SWEAT - JUST INDICATE DESIRED CHANGES TO US AND WE WILL BE PLEASED TO EFFECT THEM FOR YOU.

RELATIVE TO MEMBERSHIP IN THE TIPUG; I BELIEVE YOU ONLY HAVE TO INDICATE YOUR DESIRE TO THE TIPUG COORDINATOR. HAVING NEVER DONE THIS MYSELF, DO NOT KNOW OF OTHER FORMALISMS THAT NEED TO BE OBSERVED (IF ANY). YOU MIGHT FIND IT HELPFUL TO CALL NANCY NEIGUS (NJN) WHO ALSO SERVES AS A NETWORK CONSULTANT FROM BBN; SHE MAY BE ABLE TO GIVE YOU ADDITIONAL INFO. RELATIVE TO MEMBERSHIP IN ASSORTED GROUPS.

REGARDS, JEAN

1

JI 12-MAR-73 6:40 15011

(J15011) 12-MAR-73 6:40; Author(s): Iseli, Jean /JI; Distribution:
/MRL; Sub-Collections: NIC; Clerk: JI;

CRAIG,

RELATIVE TO YOUR SUBMISSION OF <IJOURNAL>14925 TO JERRY J. POWELL FORMERLY OF OUR STAFF, JERRY HAS RELOCATED TO THE BUREAU OF CUSTOMS IN WASHINGTON, D HIS PHONE NUMBER THERE IS (202) 964-8142. JERRY WAS RESPONSIBLE WHILE AT MITRE FOR THE DEVELOPMENT OF A PRIVATE GRAPHICS PROTOCOL TO ENABLE OUR USE OF CULLER-FRIED AND ASSORTED LOGO CAPABILITIES ON AN IMLAC DISPLAY COMPUTER. PLEASE DO NOT HESITATE TO CALL HIM AT THE ABOVE NUMBER FOR FURTHER INFORMATION - HE IS A VERY HELPFUL AND INTERESTED PERSON.

YOU MIGHT ALSO TALK TO IRA COTTON OF NBS WHO HAS A SUSTAINING INTEREST IN COMPUTER GRAPHICS; IRA IS IN THE NIC IDENTIFICATION SYSTEM AND MAINTAINS A FILE UNDER <NBS-TIP>.

DO NOT HESITATE TO CALL US (EHF,SSP[SUSAN EMPLOYS THE PRIVATE GRAPHICS PROTOCOL DEVELOPED BY JERRY],JI,RS2) IF WE CAN BE OF FURTHER ASSISTANCE.....REGARDS, JEAN

1

15012 Distribution

Maxwell, Craig S. , Cotton, Ira W. , Poh, Susan S. ,

JI 12-MAR-73 6:59 15012

(J15012) 12-MAR-73 6:59; Author(s): Iseli, Jean /JI; Distribution:
/CSM IWC SSP; Sub-Collections: NIC; Clerk: JI;

My Wrong-File Message

Dear DCE: I had carefully built up 2 files, one explaining the good the TNLS Seminar had done me, and the other, for my own further instruction -- then, as I now see by the mail, sent you the wrong one. This error, just for practice, I am about to rectify. If you also get some more garbage from me, you will know I needed the practice. -- John Barden, from Case-10.

1

JPB 12-MAR-73 19:35 15013

My Wrong-File Message

(J15013) 12-MAR-73 19:35; Title: Author(s): Barden, John P. /JPB;
Distribution: /DCE; Sub-Collections: NIC; Clerk: JPB;
Origin: <CASE-10>FDCE.NLS;2, 12-MAR-73 7:20 JPB ;

What I Seemed to Have Learned at the TNLS Seminar

Dear DCE: I had carefully built up 2 files, one explaining the good the TNLS Seminar had done me, and the other, for my own further instruction -- then, as I now see by the mail, sent you the wrong one. This error, just for practice, I am about to rectify. If you also get some more garbage from me, you will know I needed the practice. -- John Barden, from Case-10.

1

JPB 12-MAR-73 19:38 15014

What I Seemed to Have Learned at the TNLS Seminar

(J15014) 12-MAR-73 19:38; Title: Author(s): Barden, John P. /JPB;
Distribution: /DCE; Sub-Collections: NIC; Clerk: JPB;
Origin: <CASE-10>FDCE.NLS;2, 12-MAR-73 7:20 JPB ;

The Right File

Title: A Summary of What I Have learned about NLS at SRI

1

Preface This summary is based on the Command Summary, p. 63, et seq. of the TNLS Beginner's Guide (7 Aug. (1972)). I shall ignore how to get in and out of the system and go directly to TNLS.

2

Chapter 1. This chapter and its sections are devoted, in general, to what a file is and how to work with it. The basic command is i[nsert] s[tatement at] ADDR Cr Cr. An early difficulty was finding the effect of the marker. It is now clear to me that in the case of a character, the insert skips a letter, then inserts; in the case of deletion of a character, it deletes what the lower > is pointing to. I had no trouble with the backspace controls, A, W, and Q. I have not used the control R, but do now. It didn't work. It is supposed to show the current LIT but I only had a ? mark for my efforts.

2a

Section 1. I really had no trouble with the null, load, and update file commands, nor with the Tenex file commands, such as directory and delete.

2a1

Section 2. The commands for showing where I am, such as /, , and ., gave me little trouble after a bit of practice. I did discover that one can combine these commands, and save some time. For instance a . with a statement number and a space, then a > command takes me directly to the end of the statement. And I learned how to add to the statement with the i[nsert] w[ord] command.

2a2

Section 3. Printing all or part of a file, except for viewspecs, was straightforward. I had to learn that the LF command is, on the display terminals, a control J. The arrow up and control O commands worked fine. O[utput] d[evice] t[eletype] commands gave no trouble, and I shall be using the similar command for the lineprinter.

2a3

Section 4. Editing by statement, involving the copy, move, replace, break, and append commands presented no problems, though I do not use them much. All these, plus the insert and substitute commands for characters, words, and text were, of course, important, and I am having plenty of practice with them. I did not actually use the substitute command across the entire file, but the manual example of TNLS for NLS makes this seem simple in the straightforward cases. Some experience with other editing systems makes me realize that substitutions across the file need to be carefully thought out.

2a4

The Right File

Section 5. On the content editing, Marilyn Auerbach showed me how to turn on the / and commands with e[xecute] sh[ow] c[ontent] and e sh s[elections], which are fine for unsure beginners who do not yet have much confidence in their own commands. This became confusing as I went on, because I only want to see the / and printouts when I really am confused.

2a5

Chapter 2. The Journal commands e j, and s s, f, or m, presented no great difficulty, because things are programmed to prompt the user on messages. I think that ordinarily, I shall make an edited file, then commit it as a message. The only editing allowed in freehanding a message is the backspace. This is fine for a casual conversation, but it is a bit expensive for what most people have to say when freehanding their thoughts. I'm not quick that way and prefer a more finished statement.

2b

Chapter 3. Now there were several areas I learned about, most of them still mysterious. I shall simply mention that I have notes and such manuals and printouts as were furnished, with serious intentions of studying them.

2c

It is going to take me quite a while to learn about viewspecs especially in relation to the commands, substitute, execute assimilate, linking, and even printing.

2c1

I achieved a fairly good formal understanding of the tree structure invited by NLS, but learning to use it as a matter of manipulating branches, plexes and groups is going to take a while.

2c2

I think I did get a sound, elementary understanding of the Tenex file system as worked out here, mainly because I had the Case Tenex to compare it with.

2c3

The print directives like 13 MAR 73 Gpn;; and so on baffled me temporarily, but then all formatting has this effect at first encounter.

2c4

I had some fine help from Mrs. Jernigan and Marily A. on finding and handling the NIC files. I have some notes on the "goto" programs, especially the content analyzer. I may eventually be able to do some of the things with preprogrammed links, which Marilyn A showed me.

2c5

Chapter 4. All in all, the instruction by Messrs. Kudlick and Van Nouhuys and Ms. Auerbach was first-rate and patient. I

The Right File

shall certainly be on the network practicing during such hours as you are on light loads out here--namely, 9-11 a.m. and 9-11 p.m. Cleveland time. Many, many thanks for the opportunity to start learning my way around. This, then was the message I tried to send that evening, with the wrong file on board.

3

The Right File

(J15015) 12-MAR-73 19:57; Title: Author(s): Barden, John P. /JPB;
Distribution: /DCE; Sub-Collections: NIC; Clerk: JPB;
Origin: <CASE-10>BAR.NLS;7, 12-MAR-73 6:54 JPB ;

The Right File -- and All of It This Time, I Hope

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The Right File -- and All of It This Time, I Hope

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3

JPB 12-MAR-73 20:03 15016

The Right File -- and All of It This Time, I Hope

(J15016) 12-MAR-73 20:03; Title: Author(s): Barden, John P. /JPB;
Distribution: /DCE; Sub-Collections: NIC; Clerk: JPB;
Origin: <CASE-10>BAR.NLS;7, 12-MAR-73 6:54 JPB ;

JPB 12-MAR-73 7:03 15017

The Wrong-File Message

?

1

JPB 12-MAR-73 7:03 15017

The Wrong-File Message

(J15017) 12-MAR-73 7:03; Title: Author(s): Barden, John P. /JPB;
Distribution: /DCE; Sub-Collections: NIC; Clerk: JPB;

Network Mail Standard Addresses

Charles ...

1

We have to decide how to handle the question of adding so-called network mail "standard addresses" (of the form "user@host") to the ident file.

2

The addition requires several things:

3

a) A field in the identfile to hold the standard address (suggested abbreviation: SA).

3a

b) A way to get the SA inserted in the ident system, a way to modify it when it needs to be changed, and a way to get it to appear in the "Directory of Network Participants" lists.

3b

c) A mechanism to translate from NIC ident (individual or group) to SA.

3c

There is already a high-level need for this

4

LGRoberts wants to send messages to his PI's using FTP, not the Journal, and using the ident PI, not the several SA's required by SNDMSG.

4a

At the very least, we need a) and b) as soon as possible, so that published directories will contain the information.

4b

Would appreciate feedback from you on this, as to how you think we should proceed, what amount of software is needed (and how long it might take), etc.

4c

MDK 12-MAR-73 12:37 15018

Network Mail Standard Addresses

(J15018) 12-MAR-73 12:37; Title: Author(s): Kudlick, Michael D.
/MDK; Distribution: /chi rww srl ; Sub-Collections: SRI-ARC; Clerk:
MDK;
Origin: <KUDLICK>SAS.NLS;2, 12-MAR-73 12:35 MDK ;

FODDER FOR USERPROGRAMS

Dean, I've got three programs sitting in my directory that I would like you to pick up for userprograms. They were written by Beau for Mil Jernigan so you should talk to Beau about their documentation. I would like them out of my directory as soon as possible (Mil already has copies of her own).

1

Their names are <auerbach>exthree.rel, <auerbach>extwo.rel, and <auerbach>fieldbrk.rel,

1a

MFA 12-MAR-73 14:18 15019

FCDDER FOR USERPROGRAMS

(J15019) 12-MAR-73 14:18; Title: Author(s): Auerbach, Marilyn F.
/MFA ; Distribution: /NDM ; Sub-Collections: SRI-ARC; Clerk: MFA ;

regrets

Hi, Dirk. As you probably know by now, there was no response to MDK's call for a meeting on resource notebook information. So there is no meeting (at least not next week), and I will not be in Menlo Park. We will just have to postpone lunch and you will have to write the letter you owe me. But something will no doubt come up in the next few months. Tout a l'heure. n.

1

NJN 12-MAR-73 11:53 15020

regrets

(J15020) 12-MAR-73 11:53; Title: Author(s): Neigus, Nancy J. /NJN;
Distribution: /DVN; Sub-Collections: NIC; Clerk: NJN;

TRANSMITTAL TO: D. V. Hirst

TRANSMITTAL TO: D. V. Hirst
Network Advisor
Virginia Polytechnic Institute and State
University
Blacksburg, Virginia 24061

FROM: Susan Lee (NIC)
Station Agent

1

At your request we are transmitting the following document:

1a

NIC 7104 Current Network Protocols

1a1

SRL 22-MAR-73 23:27 15021

TRANSMITTAL TO: D. V. Hirst

(J15021) 22-MAR-73 23:27; Title: Author(s): Lee, Susan R. /SRL ;
Distribution: /SA ; Sub-Collections: NIC ; Clerk: KIRK ;

<LJOURNAL>15022.NLS;1, 13-MAR-73 22:49 XXX ; Author(s):
Kudlick, Michael D. /MDK; Distribution: /SA; Sub-Collections:
SRI-ARC; Clerk: SRL;
Origin: <KUDLICK>ERR.NLS;1, 12-MAR-73 11:06 JCN ;

(J15022) 13-MAR-73 10:09; Author(s): Kudlick, Michael D. /MDK;
Distribution: /SA; Sub-Collections: SRI-ARC; Clerk: SRL;
Origin: <KUDLICK>ERR.NLS;1, 12-MAR-73 11:06 JCN ;

TRANSMITTAL TO: Bob Clements

TRANSMITTAL TO: Bob Clements (RCC)
BBN
50 Moulton Street
Cambridge, Massachusetts 02138

FROM: Susan Lee (NIC)
Station Agent

1

At your request we are enclosing the following document:

1a

NIC 10814 TNLS BEGINNERS GUIDE

1a1

SRL 22-MAR-73 23:35 15023

TRANSMITTAL TO: Bob Clements

(J15023) 22-MAR-73 23:35; Title: Author(s): Lee, Susan R. /SRL ;
Distribution: /SA ; Sub-Collections: NIC ; Clerk: KIRK ;

TRANSMITTAL TO: Jeffrey Golden

TRANSMITTAL TO: Jeffrey Golden
MIT Project MAC
Automatic Programming Division
545 Technology Square, Rm 201A
Cambridge, Massachusetts 02139

FROM: Jeanne North (NIC)
Information and Station Agent Coordinator

1

Dear Mr. Golden:

1a

We have received notice that your office is now a Site on the ARPA Network. As such, you will be receiving documents on distribution from the Network Information Center (NIC).

1b

We are sending you a core collection of existing documents, including the following Functional Documents for which we will provide updates:

1c

NIC 5145 Current Catalog of the NIC Collection
1-DEC-72
NIC 5150 Current Directory of Network Participants
15-DEC-72
NIC 7590 Network Information Center User guide
2-MAR-73
NIC 7104 Current Network Protocols
22-JAN-73
NIC 6740 Network Resource Notebook
FEB-73

1c1

We are also sending you a number of documents which you may need as background (see list below).

1d

We will be glad to supply copies of particular documents indicated by a back arrow in the Catalog Listings, and will loan or direct you to sources of other documents in the Listings.

1e

Marcia Keeney, our Station Agent, accomplishes NIC distribution, and has now put you on distribution for all documents sent to Site Liaisons.

1f

c: S. Crocker (ARPA)

1g

encl:

1h

NIC 7542
NIC 7750
NIC 10507

SRL 22-MAR-73 23:35 15024

TRANSMITTAL TO: Jeffrey Golden

NIC 11924
NIC 11681
NIC 12324
NIC 11626
NIC 11768
NIC 11748

1h1

SRL 22-MAR-73 23:35 15024

TRANSMITTAL TO: Jeffrey Golden

(J15024) 22-MAR-73 23:35; Title: Author(s): Lee, Susan R. /SRL ;
Distribution: /SA ; Sub-Collections: NIC ; Clerk: KIRK ;

TRANSMITTAL TO: Mr. Martin

TRANSMITTAL TO: Mr. Martin
MIT Project MAC
Automatic Programming Division
545 Technology Square, Rm 201A
Cambridge, Massachusetts 02139

FROM: Jeanne North (NIC)
Information and Station Agent Coordinator

1

Dear Mr. Martin:

1a

We have received notice that your office is now a Site on the
ARPA Network and that you will be acting as Station Agent.

1b

Enclosed is you Station Collection which includes the following
Functional Documents:

1c

NIC 5145 Current Catalog of the NIC Collection
1-DEC-72
NIC 5150 Current Directory of Network Participants
15-DEC-72
NIC 7590 Network Information Center User guide
2-MAR-73
NIC 7104 Current Network Protocols
22-JAN-73
NIC 6740 Network Resource Notebook
FEB-73

1c1

Also enclosed are a number of background documents (see list
below).

1d

Approximately every other week you will receive additions to your
collection. Along with the new documents will be a numbered
transmittal letter which lists what is being sent, and also
indicates what has recently been sent to your Site's Technical
Liaison. These transmittal letters should be filed in the
Transmittal Letter section of your Current Catalog (NIC 5145).

1e

We will be glad to supply copies of particular documents
indicated by a back arrow in the Catalog Listings, and will loan
or direct you to sources of other documents in the Listings.

1f

c: S. Crocker (ARPA)

1g

encl:

1h

The ARPA Network
Resource Sharing Computer Networks

SRL 22-MAR-73 23:36 15025

TRANSMITTAL TO: Mr. Martin

NIC 7542	
NIC 7750	NIC 12324
NIC 8480	NIC 11626
NIC 10507	NIC 11768
NIC 11924	
NIC 11681	

1h1

SRL 22-MAR-73 23:36 15025

TRANSMITTAL TO: Mr. Martin

(J15025) 22-MAR-73 23:36; Title: Author(s): Lee, Susan R. /SRL ;
Distribution: /SA ; Sub-Collections: NIC ; Clerk: KIRK ;

TRANSMITTAL TO: Honey Elovitz

TRANSMITTAL TO: Honey Elovitz
Naval Research Lab
Washington, D.C

FROM: Marcia Keeney (NIC)
Station Agent

1

At your request we are enclosing the following document:

1a

NIC 5145 Current Catalog of the NIC Collection 1-DEC-72

1a1

We will also be sending you a copy of our weekly transmittal
letter listing the latest documents we are mailing.

1b

SRL 22-MAR-73 23:38 15026

TRANSMITTAL TO: Honey Elovitz

(J15026) 22-MAR-73 23:38; Title: Author(s): Lee, Susan R. /SRL ;
Distribution: /SA ; Sub-Collections: NIC ; Clerk: KIRK ;

TRANSMITTAL TO: John Davidson

TRANSMITTAL TO: John Davidson
Aloha System
Holmes Hall 486
University of Hawaii
Honolulu, Hawaii 96822

FROM: Marcia Keeney (NIC)
Station Agent

1

At the request of William Naylor (UCLA-NMC), your name has been placed on the Network Measurement Group distribution list.

1a

Enclosed are NMG notes 2, 7, 8 and 11. All others are obsolete. You will receive all future notes on regular distribution.

1b

Encl.

1c

10352
10942
11360
13470

1c1

SRL 22-MAR-73 23:37 15027

TRANSMITTAL TO: John Davidson

(J15027) 22-MAR-73 23:37; Title: Author(s): Lee, Susan R. /SRL ;
Distribution: /SA ; Sub-Collections: NIC ; Clerk: KIRK ;

TRANSMITTAL TO: Dolores Colgan

TRANSMITTAL TO: Dolores Colgan
Librarian, NYRCC
Old Saw Mill River Road
Tarrytown, New York 10591

FROM: Marcia Keeney (NIC)
Station Agent

1

At your request we are enclosing the following documents:

1a

NIC 8246 HOST/HOST Protocol for the ARPA Network
NIC 10599 RFC #357 An Echoing Strategy for Satellite Links
NIC 9348 RFC #318 TELNET Protocol

1a1

SRL 22-MAR-73 23:39 15028

TRANSMITTAL TO: Dolores Colgan

(J15028) 22-MAR-73 23:39; Title: Author(s): Lee, Susan R. /SRL ;
Distribution: /SA ; Sub-Collections: NIC ; Clerk: KIRK ;

TRANSMITTAL TO: Earnest Stonebraker

TRANSMITTAL TO: Earnest Stonebraker
Senior System Specialist
International Timesharing Corporation
cm
ITS Bldg. Jonathan Industrex
Chaska, Minnesota 55318

FROM: Marcia Keeney (NIC)
Station Agent

1

At your request we are enclosing the following documents:

1a

NIC 8246 HOST/HOST Protocol for the ARPA Network
NIC 10599 RFC #357 An Echoing Strategy for Satellite Links
NIC 9348 RFC #318 TELNET Protocol

1a1

SRL 22-MAR-73 23:40 15029

TRANSMITTAL TO: Earnest Stonebraker

(J15029) 22-MAR-73 23:40; Title: Author(s): Lee, Susan R. /SRL ;
Distribution: /SA ; Sub-Collections: NIC ; Clerk: KIRK ;

TRANSMITTAL TO: Ralph Schindler

TRANSMITTAL TO: Ralph Schindler
Research Computer Officer
Federal Reserve Bank of New York
New York, New York 10045

FROM: Marcia Keeney (NIC)
Station Agent

1

At your request we are enclosing the following documents:

1a

NIC 7147 HOST/HOST Protocol for the ARPA Network
NIC 7101 Official Initial Connection Protocol
NIC 7812 The Data Transfer Protocol
NIC 7813 The File Transfer Protocol
NIC 6768 TELNET Protocol

1a1

SRL 22-MAR-73 23:38 15030

TRANSMITTAL TO: Ralph Schindler

(J15030) 22-MAR-73 23:38; Title: Author(s): Lee, Susan R. /SRL ;
Distribution: /SA ; Sub-Collections: NIC ; Clerk: KIRK ;

Transmittal to Station Agents -- 76

Transmittal to Station Agents -- 76
Jeanne NorthNIC 15031
22 MAR 73

1

1a

Enclosed:

1b

NIC 14788	TIPUG Note #10 RSEXEC - New TIP News Service; Paul R. Johnson (BBN-TENEX)	1b1
NIC 14740	*NWG/RFC #466 TELNET LOGGER/SERVER For Host LL-67; Joel M. Winett	1b2
NIC 14741	*RFC #467 Proposed Change To Host-Host Protocol Resynchronization of Connection Status; J. Burchfiel, R. Tomlinson	1b3
NIC 14798	*NWG/RFC #469 Network Mail Meeting Summary; Michael D. Kudlick MDK (SRI-ARC)	1b4
NIC 14919	*NWG/RFC #475 FTP AND NETWORK MAIL SYSTEM; Abhay K. Bhushan (MIT-DMCG)	1b5
NIC 14948	*NWG/RFC #479 Use of FTP by the NIC Journal; James E. White JEW (SRI-ARC)	1b6
NIC 14949	*NWG/RFC #480 Host-Dependent FTP Parameters; James E. White JEW (SRI-ARC)	1b7
NIC 15061	*NWG/RFC #483 Cancellation of the Resource Notebook Framework Meeting; Michael D. Kudlick MDK (SRI-ARC)	1b8
NIC 14966	*NWG/RFC #482 Traffic Statistics (Februry 1973); A. McKenzie (BBN-NET)	1b9

1c

*sent to Liaisons

1d

JBN 21-MAR-73 16:15 15031

Transmittal to Station Agents -- 76

(J15031) 21-MAR-73 16:15; Title: Author(s): North, Jeanne B. /JBN ;
Distribution: /SA SRI-ARC ; Sub-Collections: NIC SRI-ARC; Clerk:
KIRK ;

TRANSMITTAL TO: Anita L. Coley

TRANSMITTAL TO: Anita L. Coley
University of California at Los Angeles
Computer Science Department
3732 Boelter Hall
Los Angeles, California 90024

FROM: Marcia Keeney (NIC)
Station Agent

1

At your request, I am sending the following document:

1a

NIC 15651 NWG/RFC 482 TRAFFIC STATISTICS (MARCH 1973)

1a1

15033 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: Alex A. McKenzie

TRANSMITTAL TO: Alex A. McKenzie
Bolt Beranek and Newman Inc.
Computer Systems Division
50 Moulton Street
Cambridge, Massachusetts 02138

FROM: Marcia Keeney (NIC)
Station Agent

1

I am enclosing copies of the following documents:

1a

NIC 14664
NIC 14671
NIC 14672
NIC 14673
NIC 14675

1a1

NIC 14666 and 14674 are being reproduced and I will send them as soon as they are ready.

1b

15034 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: Kathy Beaman

TRANSMITTAL TO: Kathy Beaman
University of Illinois
Advanced Computation Building
Urbana, Illinois 61801

FROM: Marcia Keeney (NIC)
Station Agent

1

At your request, I am sending NIC 14661.

1a

15035 Distribution
Station Agent,

1
1a

Transmittal to Robert Leonard

ARPA Network Information Center
Stanford Research Institute
Menlo Park, California 94025

NIC 15036
27 MAY 73

TRANSMITTAL TO: Robert Leonard
Stanford Research Institute
333 Ravenswood Avenue
Menlo Park, California 94025

FROM: Marcia Keeney
Station Agent

At your request I am sending 4 copies of the TIP User's Guide, NIC
10916

MLK: ll

15036 Distribution
Station Agent,

Transmittal to F.S.G. Richards

ARPA Network Information Center
Stanford Research Institute
Menlo Park, California 94025

NIC 15037
28 MAY 73

TRANSMITTAL TO: F.S.G. Richards
CEGB Computing Bureau
85 Park Street
London SE1

FROM: Marcia Keeney
Station Agent

At your request I am sending basic documentation on the ARPA Network:

NIC 7542
7750
10507
11626
11681
11768
12324

MLK:ll

15037 Distribution
Station Agent,

Transmittal to Jack L. Ray

ARPA Network Information Center
Stanford Research Institute
Menlo Park, California 94025

NIC 15038
28 MAY 73

TRANSMITTAL TO: Jack L. Ray
Range Measurements Laboratory
ATTN: ENLD
Patrick Air Force Base, Florida 32925

FROM: Marcia Keeney
Station Agent

The coordinator of the ARPANET Satellite System Group, Dave Walden, has replied to me regarding your request for ASS notes 1-14. He says that the distribution is limited to the active participants in this area of research. Much of what is available in the ASS notes is available in the ALOHA session at the 6th Hawaii Conference on System Sciences and in the 1973 NCC&E session on Satellite Packet Communications.

MLK:ll

15038 Distribution
Station Agent,

Transmittal to Perry L. Miller

ARPA Network Information Center
Stanford Research Institute
Menlo Park, California 94025

NIC 15039
28 MAY 73

TRANSMITTAL TO: Perry L. Miller
MIT Lincoln Lab - TX2 Group
244 Wood Street
Lexington, Massachusetts 02173

FROM: Marcia Keeney
Station Agent

At the request of Ted Strollo, your name has been added to the SUR group distribution list. Enclosed are all back SUR notes (1-86) except those which are obsolete or were never issued. You will receive any future notes as they are distributed.

MLK:ll

15039 Distribution
Station Agent,

TRANSMITTAL TO: Alex A. McKenzie

TRANSMITTAL TO: Alex A. McKenzie
Bolt Beranek and Newman Inc.
Computer Systems Division
50 Moulton Street
Cambridge, Massachusetts 02138

FROM: Marcia Keeney (NIC)
Station Agent

1

At your request, I am sending a copy of NIC 14666 and NIC 14674.

1a

MLK/kk

1b

15040 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: Jay Woods

TRANSMITTAL TO: Jay Woods
Box 956
Yakima, Washington 98907

FROM: Marcia Keeney (NIC)
Station Agent

1

At your request, I am sending SUR notes 19, 36, 39, 44, 45, 53 and
73.

1a

MLK/kk

1b

15041 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: Robert Silberski

TRANSMITTAL TO: Robert Silberski
National Systems Design Dept., W185
The MITRE Corporation
Westgate Research Park
McLean, Virginia 22101

FROM: Marcia Keeney (NIC)
Station Agent

1

At your request, I am sending SUR notes 19, 36, 39, 44, 45, 53 and
73.

1a

MLK/kk

1b

15042 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: Lucille C. Gilliard

TRANSMITTAL TO: Lucille C. Gilliard
Teledyne Geotech
Box 334
Alexandria, Virginia 22813

FROM: Marcia Keeney (NIC)
Station Agent

1

I received your letter yesterday concerning NIC 6740 and NIC 7104. As a Station Agent you should already have these documents and their latest updates. We cannot supply additional copies. If you have not been receiving updates to your functional documents or have any questions about them, please get in touch with me.

1a

MLK/kk

1b

15043 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: Chuck R. Pierson

TRANSMITTAL TO: Chuck R. Pierson
Carnegie Multi Mini Project
Carnegie-Mellon University
Schenley Park
Pittsburgh, Pennsylvania 15213

FROM: Marcia Keeney (NIC)
Station Agent

Dear Mr. Pierson:

We have received notice that your office is now a Site on the ARPA Network. As such, you will be receiving documents on distribution from the Network Information Center (NIC).

We are sending you a core collection of existing documents, including the following Functional Documents for which we will provide updates:

NIC 5145	Current Catalog of the NIC Collection	1-DEC-72
NIC 5150	Current Directory of Network Participants	18-MAY-73
NIC 7590	Network Information Center User guide	2-MAR-73
NIC 7104	Current Network Protocols	10-MAY-73
NIC 6740	Network Resource Notebook	APR-73

Also enclosed are a number of background documents (see list below).

We will be glad to supply copies of particular documents indicated by a back arrow in the Catalog Listings, and will loan or direct you to sources of other documents in the Listings.

Marcia Keeney, our Station Agent, accomplishes NIC distribution, and has now put you on distribution for all documents sent to Site Liaisons.

c: S. Crocker (ARPA)

encl:

NIC 7542
NIC 7750
NIC 10507
NIC 11681
NIC 12324
NIC 11626
NIC 11768

MLK/kk

1

1a

1b

1c

1c1

1d

1e

1f

1g

1h

1h1

1i

15045 Distribution
Station Agent,

MLK 17-JUL-73 18:47 15045

TRANSMITTAL TO: Chuck R. Pierson

(J15045) 17-JUL-73 18:47; Title: Author(s): Marcia Lynn Keeney/MLK
; Distribution: /SA ; Sub-Collections: NIC ; Clerk: KIRK ;

TRANSMITTAL TO: Kauko Rahko

TRANSMITTAL TO: Kauko Rahko
Helsinki University of Technology
Telephony Laboratory
02150 Otaniemi
FINLAND

FROM: Marcia Keeney (NIC)
Station Agent

1

At the request of Vint Cerf, your name has been added to the INWG mailing list.

1a

Enclosed are all back issues of INWG Notes, excluding 1, 3, 7, 8, 9, and 11, which are out of date.

1b

New members in the INWG group also receive background documents thought to be useful to the INWG members. They are as follows:

1c

NIC 7104 Current Network Protocols
NIC 9926 A Proposed Experiment with a Message Switching Protocol
NIC 10510 Function-Oriented Protocols for the ARPA Computer
Network
NIC 11626 Improvements in the Design and Performance of the ARPA
Network

1c1

MLK 14-JUN-73 18:44 15047

TRANSMITTAL TO: Kauko Rahko

(J15047) 14-JUN-73 18:44; Title: Author(s): Marcia Lynn Keeney/MLK
; Distribution: /SA ; Sub-Collections: NIC ; Clerk: KIRK ;

15047 Distribution
Station Agent,

Transmittal to Richard P. Wishner

ARPA Network Information Center
Stanford Research Institute
Menlo Park, California 94025

NIC 15048
25-MAY-73

1

TRANSMITTAL TO: Richard P. Wishner
Vice President
Systems Control, Inc.
260 Sheridan Ave.
Palo Alto, California 94306

2

FROM: Marcia Keeney
Station Agent

3

At your request I am sending a copy of NIC 13041, The Online Team
Environment which is the final report on the Network Information
Center and Computer Augmented Team Interaction.

4

MLK/ll

5

15048 Distribution
Station Agent,

Transmital to Richard P. Wishner

(J15048) 29-MAY-73 10:42; Title: Author(s): Marcia Lynn Keeney/MLK;
Distribution: /SA; Sub-Collections: SRI-ARC; Clerk: LLL;
Origin: <LANE>NIC15048.NLS;4, 29-MAY-73 10:40 LLL ;

TRANSMITTAL TO: Louis Pouzin

TRANSMITTAL TO: Louis Pouzin
Institut de Recherche d'Informatique et
d'Automatique
Domaine de Voluceau
78 Rocquencourt
FRANCE

FROM: Marcia Keeney (NIC)
Station Agent

1

At your request, I am sending the following documents:

1a

NIC 13030
NIC 14644
NIC 14645
NIC 14661
NIC 14682
NIC 14695
NIC 14698

1a1

MLK/kk

1b

15049 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: David C. Walden

TRANSMITTAL TO: David C. Walden
Bolt Beranek and Newman Inc.
50 Moulton Street
Cambridge, Massachusetts 02138

FROM: Marcia Keeney (NIC)
Station Agent

1

At your request, I am sending a copy of TIPUG Note 2, NIC 13028.

1a

MLK/kk

1b

15050 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: David Hsiao

TRANSMITTAL TO: David Hsiao
Ohio State University
2024 Neil Ave.
Columbus, Ohio 43210

FROM: Marcia Keeney (NIC)
Station Agent

Dear Mr. Hsiao:

We have received notice that your office is now an Associate on the ARPA Network. As such, you will be receiving documents on distribution from the Network Information Center (NIC).

We are sending you a core collection of existing documents, including the following Functional Documents for which we will provide updates:

NIC 5145	Current Catalog of the NIC Collection	1-DEC-72
NIC 5150	Current Directory of Network Participants	29-JAN-73
NIC 7590	Network Information Center User Guide	2-MAR-73
NIC 7104	Current Network Protocols	10-MAY-73

NIC 6740 Network Resource Notebook is being printed and we thus have no copies now on hand. I will send you a copy as soon as they are ready, probably in several weeks.

We are also sending you a number of documents which you may need as background (see list below).

We will be glad to supply copies of particular documents indicated by a back arrow in the Catalog Listings, and will loan or direct you to sources of other documents in the Listings.

Marcia Keeney, our Station Agent, accomplishes NIC distribution, and has now put you on distribution for all documents sent to Site Liaisons.

c: S. Crocker (ARPA)

encl:

NIC 7542
NIC 7750
NIC 10507
NIC 11681
NIC 12324
NIC 11626
NIC 11768

MLK/kk

15051 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: Steve D. Crocker

TRANSMITTAL TO: Steve D. Crocker
Advanced Research Projects Agency
1400 Wilson Boulevard
Arlington, Virginia 22209

FROM: Marcia Keeney (NIC)
Station Agent

1

Enclosed is a copy of a letter Jeanne North received from Dewayne Hendricks of the Menta Health Research Institute. Jeanne would like to know if he should be added to List B, Associates, and if so, if Hendricks should be the representative.

1a

15052 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: Margaret Iwamoto

TRANSMITTAL TO: Margaret Iwamoto
University of Hawaii
THE ALOHA SYSTEM
2540 Dole Street
Honolulu, Hawaii 96822

FROM: Marcia Keeney (NIC)
Station Agent

1

At your request, I am sending the following Bulletin 3 documents:

1a

NIC 13030
NIC 14644
NIC 14645

1a1

MLK/kk

1b

15053 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: Keith Sandum

TRANSMITTAL TO: Keith Sandum
3704 Boelter Hall
405 Hilgard Ave.
UCLA
Los Angeles, California 90024

FROM: Marcia Keeney (NIC)
Station Agent

1

At your request, I am sending a NIC User's Guide (NIC 7590). We have no available copies of the Network Resources Notebook as I told you on the phone, but we should have in several weeks. I will send you your copy then.

1a

MLK/kk

1b

15054 Distribution
Station Agent,

1
1a

SRL 22-MAR-73 23:21 15057

TRANSMITTAL TO: Connie Rosewall

TRANSMITTAL TO: Connie Rosewall
Computer Systems Laboratory
University of California at Santa Barbara
Santa Barbara, California 93106

FROM: Marcia Keeney (NIC)
Station Agent

1

At your request we are transmitting the following document:

1a

NIC 7958 Interface Message Processor

1a1

SRL 22-MAR-73 23:21 15057

TRANSMITTAL TO: Connie Rosewall

(J15057) 22-MAR-73 23:21; Title: Author(s): Lee, Susan R. /SRL ;
Distribution: /SA ; Sub-Collections: NIC ; Clerk: KIRK ;