

M E M O R A N D U M

To: Software Distribution List, NCC Staff
From: J. B. Levin
Subject: TIPLOADH on the PDP-1d
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S.D. #50

There is a new TIP loading program on the PDP-1d, which all involved should find a bit easier to use than the current version. It is file driven, so that the operator need only specify the site number. If a special set of files are to be loaded, a file containing file names will exist for that site; if the site is a standard TIP, a default 'standard' file will be used. Also, this new version of the program does its own overriding of the destination site.

Specifically, to operate this program, which should be run under DDT, the operator merely calls it and types an octal TIP number. The program will type out each line of the controlling file as it is processed, and when done will ask for another site number. Answering 'altmode' halts the program. Should the program type out that it can't talk to the destination IMP, check to see that the destination is not in Q mode before restarting.

The files driving the program are on a special index created for the purpose, called '/TIPS/'. Each site with special patch or buffer files has a file on this index called 'T.nnn' where nnn is the site number (e.g. for the BBN TIP, the file 'T..036,,/TIPS/' is opened). The standard default file is 'TIP.,,/TIPS/'. These files are ordinary English files. Each line contains a single file name or a comment, or is blank. Any line beginning with a '/' is considered a comment and is ignored. Comments and file names must be on separate lines. A sample file might contain:

```
/TIP WITH SPECIAL BUFFERS FOR ARPA.  
TIP,232,TIP  
ARPABF,232  
PAT232
```

At some point I may make a provision for indirect file pointers so that the main file and general patch files need not be entered in each special file.

Effective noon today (12/26), this program will be around under the name TIPLOADH (it is currently NTLH). In case of problems when I am not around, the old version (41) will be available as OTIPLH. Of course, I want to hear of any troubles.