MEMORANDUM

To: Frank (c.c. WRC, AAM, BPC, JBL)

From: Dave

Subject: PDP-1d Usage *(effort to convert, where relevant)*

Date: March 2, 1973

-editing and assembling SUE code for the HSMIMP, crypto-box, etc.
    (2 weeks - more to preserve interrupt portion)

-listings (via the TIP line printer) (occassionally when both
    the TENEX and TIP printer are down, we list on multiple PDP-1d
    teletypes).

-STRCOMP for small, quick, analytic stuff (TELCOMP is no substi-
    tute - nothing is) (1 year)

-hacks
    (almost infinite)

-archival file storage

-editing and assembling 516/316 code for the IMPs and TIPs and NCC
    (2 weeks - more to preserve interrupt portion)

-wire lists -- done on TENEX now

-RUNOFF -- in some ways the PDP-1d version is better.
    (1 week to add PDP-1d features to TENEX version)

-TIP reloads*

-network patching (automated)*

-assorted data-management *(several years)*

-network summaries -- using STRCOMP and paper tape input
    (4 weeks or more)

-IMP and line outage data
    (a little time for operators to learn to use 10 TECO)

-IMP/TIP verifier -- verifies running IMP and TIP systems.*

-receiving NCC data*

-network DDT*¢

-dump from net*¢

-experimental Host work (gateways, etc.)*¢

-IMP documentation (CRIB-SHEET-GENERATOR, etc.)
    (4 weeks)

-concordance, interrupt listing, etc.
    (4 to 6 weeks)

-IMP testing*

-IMLAC editing and assembly
    (2 weeks unless one already exists)

*impossible to convert to TENEX with present TENEX restrictions
¢not done yet