

MEMORANDUM

To: Division 6

From: F. Heart

Subject: PDP-1D

Date: 4 November 1971

As of 1 November 1971, the PDP-1D returned to Division 6. Several aspects of this transfer are worth mentioning:

1. Relation to Telcomp/On-Line/etc.

The PDP-10 which is physically next to the PDP-1D is expected to stay in that location for the near future (6-12 months), and to be running with commercial customers as part of the On-Line organization. The exact ownership of the PDP-10 is complex, but it will be *operated* by Steve Levy. The three operators (Mssrs. D'Alelio, Powers, and Bliss) will be BBN employees and will formally report to Steve Levy.

Division 6 will contribute 1/3 of the cost of the three operators, in order to obtain their help in running the ARPA Network Control Center (NCC) and in running the PDP-1D.

The future of the PDP 7s is uncertain; Division 6 has not undertaken any responsibility for the PDP-7s and Steve Levy will worry about their disposition. Division 6 has no responsibility to support the PDP-1D/PDP-7 connections, although that connection may physically exist for a time. As long as the PDP-7s are connected, On-Line will be billed for any use of the PDP-1D.

2. Division 6 Responsibility

Ralph Alter has agreed to act as the Division 6 "owner" of the PDP-1D. Ralph will thus be responsible for soliciting any appropriate help from the operators with respect to the PDP-1D.

In his capacity as owner of the NCC, Marty Thrope will be responsible for soliciting help from the operators for NCC problems.

In accord with arrangements stretching far into the past, Bernie Cosell and John Cole will be available for PDP-1D software crises.

At the moment, we plan to retain the current maintenance arrangements.

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3. Charging Policy

The PDP-1D will be operated as a cost center. In order to permit recovery of costs for the PDP-1D cost center, it will be necessary to continue charging contracts for use of the machine. The charge will be [\$5./connect hour + \$1./processor minute], until we find a reason to change it. People should be quite careful to charge the appropriate job number.

We do not plan to *market* the PDP-1D but we will be willing to sell PDP-1D time to other BBN divisions or outside clients on a case-by-case basis, if the proposed use is non-interfering with other PDP-1D responsibilities.

4. ARPA Network Connection

We may connect the PDP-1D as a Host on the ARPA Network. This is still being studied.

FEH/nlg

cc Barger
Bliss
Bobrow
D'Alelio
Diskin
Feurzeig
Franken
Jackson
Levy
Luciano
Nickerson
Powers
Sullivan
Swets
Taylor

