

file - PDP 11- 2-4

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INTEROFFICE MEMORANDUM

TO: Operations Committee

DATE: September 19, 1974

FROM: *RF* Robin Frith

DEPT: Computer Systems Development

EXT: 3850 LOC: 5-2

SUBJ: PDP-11 Strategy Status

Attached is a brief summary of the status of PDP-11 Strategy and of the product developments resulting from this strategy.

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Attachment

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JULY PDP-11 STRATEGY

RESULTS OF AUGUST 28 MEETING - NO CHANGE IN STRATEGY

UNKNOWNNS THAT MAY AFFECT STRATEGY:

1. SPEED AND DELIVERY OF 11/05HM (11B05)
1200 NSECS TO 800 NSECS

2. NEED AND VIABILITY OF THE 11/44
VIRTUAL ADDRESS EXTENSION

IS THE 11/44 THEN A 32-BIT MACHINE?

3. HOW MUCH OF THE DEC SYSTEM 10 SOFTWARE
CAN THE 11/85 USE, OR DOES THE 11/85 HAVE
TO START FROM SCRATCH?

CONFLICTING GOALS?

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CURRENT STATUS

- 11/05L 5¼" VERSION - NO CHANGE IN SCHEDULED DELIVERY
- COST FOR MINIMUM PACKAGE NOW \$997

CRITICAL PATH ITEMS:

- TPS POWER SUPPLY
- SPC MOS MEMORY

- 10½" VERSION - NO COMMITMENT
- BA11K TOO EXPENSIVE
- 2 x 5¼" BOXES?

- 11/05HM - NOT YET STARTED ON DESIGN
JULY DELIVERY MAY SLIP

- 11/44 - NO CHANGE IN SCHEDULED DELIVERY
- FINAL SPECIFICATION (16 BIT) DUE OUT NOW
- VAX HARDWARE PROPOSAL OUT NOW
- VAX SOFTWARE PROPOSAL DUE 10/15

- 11/55 - NO CHANGE IN SCHEDULED DELIVERY
- BREADBOARD RUNNING RSX11D, RSTS/E
SOFTWARE (STILL ONE BUG IN COMPILATION)
- PLAN IS TO SHIP WITH FIRST PASS BOARD
LAYOUT
IF RE-LAYOUT IS NEEDED, DELIVERY WILL SLIP

- 11/85 - NO CHANGE IN SCHEDULED DELIVERY
- TRYING TO DEFINE DETAILED GOALS
- FIRST PASS PRODUCT PLAN DUE OUT NOW

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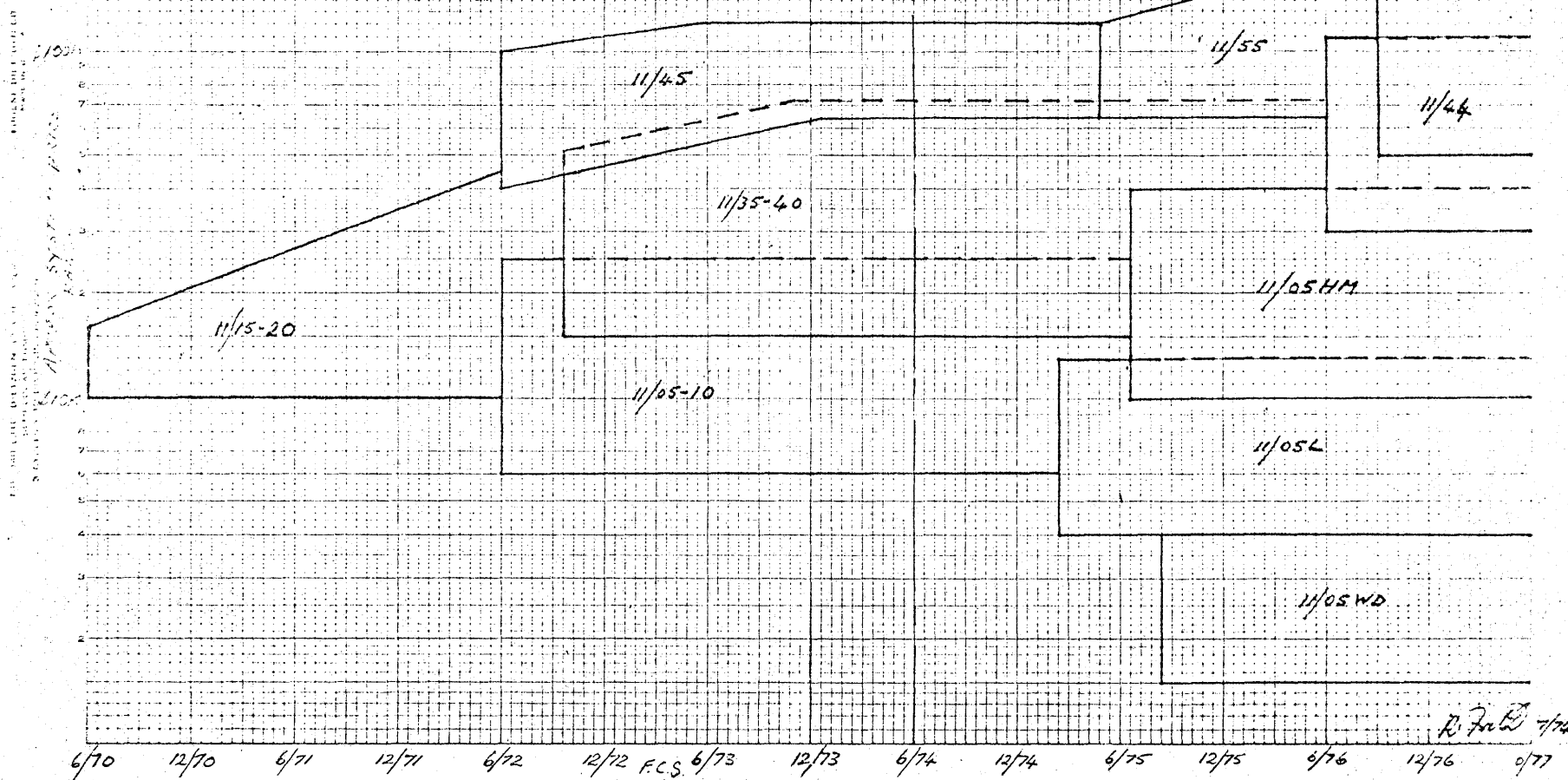
OTHER PRODUCT STRATEGIES THAT NEED UNDERSTANDING

1. LOW, LOW END (USING 11/05 WD CHIPS)
NEW FAMILY OF PRODUCTS, PDP-11 INSTRUCTION SET
TWO PRODUCT PHILOSOPHIES:
 - (A) MODULAR DEVICES WITH WELL-DEFINED INTERCONNECT SCHEME
CPU, MEM, I/O DEVICES ON SEPARATE BOARDS
 - (B) SYSTEMS (CPU, MEM, I/O DEVICES) ON A BOARD WITH
A NUMBER OF DIFFERENT SYSTEM BOARDS

2. 36 BIT FAMILY
WHAT ARE THE RELATIONSHIPS BETWEEN 11/85 AND DEC SYSTEM 10,
20 PRODUCTS?

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PDP11 EVOLUTION



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NO. 340-4310 DIETZEN GRAPH PAPER
MEMPHIS, TENNESSEE
3 CYCLES X 10 DIVISIONS PER INCH
EMERLE DIETZEN CO.
MADE IN U.S.A.

APPROX SYSTEM PRICE RANGE

