

LASL Meeting Apr 27, '59

(Dunnell)

- have been lacking Mem

1 Mem is making a plant - 732 planes
2 more being built at same time under Capt supervision,
all mems for LASL + BuShips machines by end of 1959

- Speed at 2.0 us
- planes great precision required to avoid crosstalk

- power lower extra - in some short supply now
- some 7090's by end of yr.

- Exchange - can read-write patterns (repeating)
have need 50,000 cts / 1000 cpm with only 3 or 4 errors,
Memory 1 us rate

- 65 hrs straight run
- 5 errors - no fix of hardware needed.
(4 were due to line voltage surges - power supply)

1 tight timing condition
expect to run for a week before long

Transistor troubles - some of older ones "pop off",
2nd exchange about to go into plant.

Plant will build 2nd machine - releasing records can build additional machines

- Mem bus + exchange being started,
- machine automation delays.

- almost every frame is started

- cards
- wind panels
- power supplies

- going to single slide frame - being changed over
 - new CE console

other customers Wetmore - GE - no rentals yet

contract revision:

- will be underway shortly
- IBM will approach AEC with proposed revision.

2 machines in lab, - (old plan)

purpose: AEC machine built at plant.

cannot get out ahead of time, ←

- { testing is sufficient to make machine acceptable here } ↗
- { a few things scheduled later would be ok }

Fast Mem for Harvest

2 mems now being started,

§ 0.6 us cycle 1/16 sized mem (1/16 section)

1 Test model now working, will be slower full sized

X-Core Mem: model now working.

0.4 us

0.8 us

Expandible Characters

48	char printer	600 lpm
88	Typewriter	15 char/sec.
117	Printer	~300 lpm

- self restoring switches
- maint console - lites on maint console

Rotate ABC 3 instead of 2 error in Manual

VFL Add $(2 + \frac{n}{8}) 0.5$

VFL 1/4 $0.5(14 + \frac{2n}{8}) \mu s + (\frac{n}{12} + 2) \times 0.4 \mu s$

VFL unit

processing time FP unit.

agenda

Tom

Revisions to Manual

Chap 3 - ozalid reproduction

Chap 6 final (tomorrow)

Chap 7 -

STRAP

Console - (will be delivered later today)

maint. console

Contract	Classes ← date: duration: magnitude?
	Computer availability
	manuals:

expanded character sets

patents 4pm

questions in letter

hardware changes.

- manuals - school, etc

- answering questions

mention these:

~~patent~~

~~Strap~~

~~base typewriter~~

~~exp. character sets~~