

5/19/75 - Mary Ferguson
5/20/75 Bol Bennett
George Ferguson.
Dan Woodward

May 20 check protocol.

Bco has described past events to new personnel mngt.
He will help make arrangement if we go on our own.

Dane S. ³³²⁻ 6620 get Green to relay message.

Don Rex. 443- 4611

John Rood ~~6447~~ 6212
Bruce Utley —

Pat Richard 6022

Glen Nielsen

Roger Abernathy 443- 4727

Dane DeWitt (pough)

Don Darwin

Walt Onwiler

Hal Martin (Rochester lab director; mngt)
() (Boca mngt)

Ken Haughton

Tom Stevens

Jock Harker K

Ralph Walker

Al Brown?

Greg Toben?

Menford

GPO pres - Anderson

Clarence Frizzell

VR Witt

Walt Buslik

Research?

DP Center - Friedl.

IRD - ?

Nick Metropofoneff

Hal Morton

Bronscob

Jack Rodgers

Hursley Fellow? Charlie & Jean Deven

WTC?

— Al Stone —

Dick Hudson

Kurt Benjamin

Phil Stacey

Dave Nielsen

Bill Burke

Bob Schopp

Ten Witches

Bob Layboern

Non-IBM

Quentin Correll.

People that worked for Roy or
or with Roy

* Ed Mundrick, San Jose
 PG Nick Metofanoff, Rock
 PG Bryan Utley, Rock
 PG Glen Nielsen, Boca
 PG Don Ray, Boca
 PG Phil Stacy, Boca
 PG/GS Roger Abernathy, Boca
 JG Al Shatman, IG.
 AS. Walt Onwiler, IG.
 AS Ken Foulger, IG.
 J Loper, Kurt Benjamin, Menlo Park
 JG. Jim Loper, Menlo Park
 AS Gran Underwood, IG.
 DW Billy Joe Money, Balboa? AS
 AS Ted Blauser, IG
 AS Earl Lincoln, IG Retired
 DW Ralph Walter, IG. Retired
 DW Catherine Bailey, IG
 DW Joan Johnston, IG
 JG. Dorothy Wallen, IG.
 PG. Nancy Mitchell, Boca
 AS John Halsey, IG
 ✓ Denise Solomon, Chicago
 ✓ Jon Weiseman, IG
 DW Nap Fisher, IG
 GF. Al Stone, Retired
 AS Jack Haskins, IG
 AS Jerry Pereira, IG
 AS Tom Witten, IG
 DW Dick Hudson, Rock
 SG Paul Hodges, IG
 * Matt Gelson, IG
 * Bob Taylorson, ~~Cecil Adams~~, Ret-Cong.
 JG Dan Dawson, IG.
 * Jack Frost, Boca

Know Roy -

PG Dell Hollerback, Boca
 PG Dean Bemmerman, Boca
 PG Art McCarthy, Atlanta
 PG John Rodd, Atlanta
 PG Dave De Witt
 PG Ed Lewis
 PG Pete Fogg
 PG Ben Anderson, Boca
 AS Art Athur, IG.
 Harry Bapte, Boca
 Al Brown, Retired
 Rudy Cogliandro, IG ~~Vacation~~
 Joe Lisinski, Boca
 Ed Matherin, IG
 Owen Mc Gilligott, IG
 Dave Montgomery, IG
 DW Walt Busiek, IG.
 DW. Jack Harker, IG
 DW. Kim Peck, Boca
 Roger Pond, Los Gatos
 DW John A Schmidt, IG
 DR Robert Schoop, Rock
 Joe Sheedy, IG
 Floyd Shipman, Boca
 DW Rich Stein, IG
 AS Charles Swearingen, IG
 AS Jim Wilshinsky, IG
 AS Vic Witt, IG

DW Robert E Hansen, IG
 DW Fred Hartwell, IG
 Gordy May, Los Gatos
 AS Jerry Hooge, IG
 Joe Hyle, Rock
 Ed Klein, Los Gatos

Son Richard suggest
 Bill Pickett like Railroad Engineers
 Betty suggest something to complement
 his Edison collection.

Betty has clipping from
 Roy's many accomplishments

5/22 Call to Don Rep.
Roger Albernathy 4611
4727

Betty

gft - Edison antiques
has hydro electric panel + meters etc.

Pat Green 6621

Friday 5/23. Call from Betty.

Don Richard suggests Pocket Watch
Coke railroad engineers used to have
Also Betty has many clippings for a scrap
book if we would like to use along
with letters, etc.

Bob Bennett, Father
Mary Frazer, for Gales
Pat Richard, Rock
Dennis Robinson, Rock
Hal Martin, Rock
Charles Queen - IBM fellow, Hersley

PAT
332662

5/27/75

Letter from ^{OK for} present employees of Roy.

Can be sent to PAT Green.

Get clippings from Betty.

Letters from Don Woodward -

Roy Johnson —

al Brown —

Jan Loper —

Kurt Benjamin —

Ron Thorp —

Lori's Wife —
call Betty 268 8338

Mary Frazier. - A22 -

Brian — 2382

5/27/75

Brian - 2382
OK Betty 268-8338

Jan Loper 554-4362 OK Letter - June 6.
Kurt Benj. 4257 Jan 10 + all Kurt.

JG Ed Mundick 7-7741 / 7289 - Message to return call Run 807
PG Glen Nielsen 443-5211 message to return call. OK Return 5/30

Dottie Dorothy Wallin 256-1233 OK.

JG. John Wiseman 256-3977 will return call. OK.
Mrs. Wilson

PG. Nancy Mitchell 4302 (June 9 return from vacation)

DR Danielle 261-5561 - Vacation → will return call June 2.

DR Dick Hudson 456-6232 - will call

Joe Style 4991

Bob Schopp 5515

Pat Rickard 6022 OK

Dennis Roberson

Matt Gibson

Lane Montgomery

Don Darwin

Rudy Cogliandro

Dreg Toben

Bob Bennett

Dennis Roberson

Pat Rickard

OK

256 6225

256-6613 OK

3748 Vacation for Dreg.

967-0884 OK

241-4680 OK

5/28

Brian DR Net Rochester. BOB EVANS JERRY HADDAD announced his retirement in Hal Martin's staff meeting last Friday.

Dawn -

Call to PAT Green.

Broncomb has suggested 6 PM → dinner.

{ Ask Ken Houghton & Lou Stevens, Don Darwin & wife.

Dreg Toben

Flowers for Table & Betty

Ask if restaurant will Bill Atlanta office.

Bill to: Dave Slattery IBM Corp PO 2150 Atlanta Ga. 30301

Dennis Roberson.

609 picture-

Progression of circuitry.

Al Gensberg.

5/28. Reservations for Branscomb at L.G. Lodge
for June 8, 9.
Slattery at L.G. Lodge 8, 9, 10.

Al Barsten 4352
Check Bill IBM.

IBon 371-4252

Dinner Guests.

Dave Slattery
Charles Branscomb
Roy
Betty Harper (Elizabeth)
Ken Houghton
Suzie Beverly
Lou Stevens
Wife Betty
Warren Christopherson
Wife Alvira.
George Marenen
Wife (Helene)
Greg Tobi (?)
Alan Darwin ~~Slattery~~
Wife Betty
Ed Fennegan
Joe

6/10

6 PM

Brian Utley ?
Dennis Robinson ?
PAT Richard ?
Roger Abernathy
Walt Gowler.
Wife Mary

5/29 Call from Pat Green

- a) IBM will pick up only one dinner function
Dane will not pick up tab for late luncheon
on the 30th
- b) dinner on the 10th is no host cocktail at 6 PM
- c) Pre planned dinner OK.
- d) G+T? Done to call me next week.

5/29. Call from Mary Fraser.

She would like to see Dave when
he is out here -

Also has letters for me for Book.
Will see her Friday or Monday -

ASK DAVE IF HE WILL BE HERE THE 30th

6/4 Post to ask Dave.

Perhaps SCD (Ken Hamilton will pick up luncheon tab)

June 2.

Call to Dennis - Has 609 manuals

Call from Pat Green - St Francis for Dave June 8, 9.

Cancel June 10th.

June 3. Reservations for Dave Confirmed at Cleff Hotel for
June 8, 9.

Al Gensler 334-4115

July 1, 1975

Conversation with PAT R.

Conversation with Denny.

people from Rock → field
EDS for GEM.

Coding basic NOR into EDS.

Denny wants display & KBD on CPU card.

amount of ROM dependent on application.

370 - emulation

- own target language to do APL better -
micro code certain parts of APL ..

2 guys on assembler & simulator (SOFTWARE)

(10/15)

12/15 (10/15)

GEM & DUTCHESS SUPPORT MODULES -

CPU & CHANNEL = GEM.

KYACK? SPEED - CYCLE TIME.

ROS - MACCADO (expensive)

2 FSU modules + VIL registers & control.

Brouard - Testing logic.

) (Module temperature
liquid cooling?)

Planned program - CPU Card responsibility? ?

MERCURY (only) emulator micro code -

360/370 - Rochester - ≈ 1.5 - 2K HWS.

SYS-3 for BASIC. 1K version = 130% SYS speed.

Direct Micro code for APL. (ROCHESTER)

2nd level product with pluggable features -
GEM card.

Marketing
planning.

Product Engineering
Development.

Need group to test Chris' work -
PRODUCT LINE?

Dove (8-532-3925)

9- 914-454-8391
518-329-1275

GEM CARD SLOW
GEM CARD FAST (MERCURY II)

KYACK assured on new design.

ROS

STORAGE

CARD

STANDARD components FORECAST.

7/1/25 Call for Dove ^{DeWitt} from Glen Edgerton.

Glen sitting in for Rod - Gary
Overheard Branscombe tell Gorsuch to ^{have Rod} study
GEM for GSD engine.

Gorsuch is Branscombe's AA.

John will be back 7/14.
on task force next week.

7/25/84
Call from Paul Freidl.

ALA

async logic array

similar to array logic structure.

Concept appears useful for creating parallel processors.

MIT paper out in August-

Have new IDEA for new machine -

Peak at ECL to build 1800+.

magnetic bubble storage \equiv 1M byte.

Dynamic address translation logic.

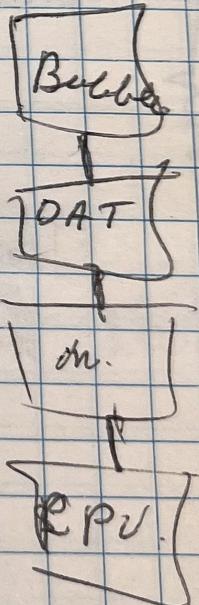
D.

A T.

Speed 50-100 ns $\times 20$ than 1800

Sys 20-40 x faster

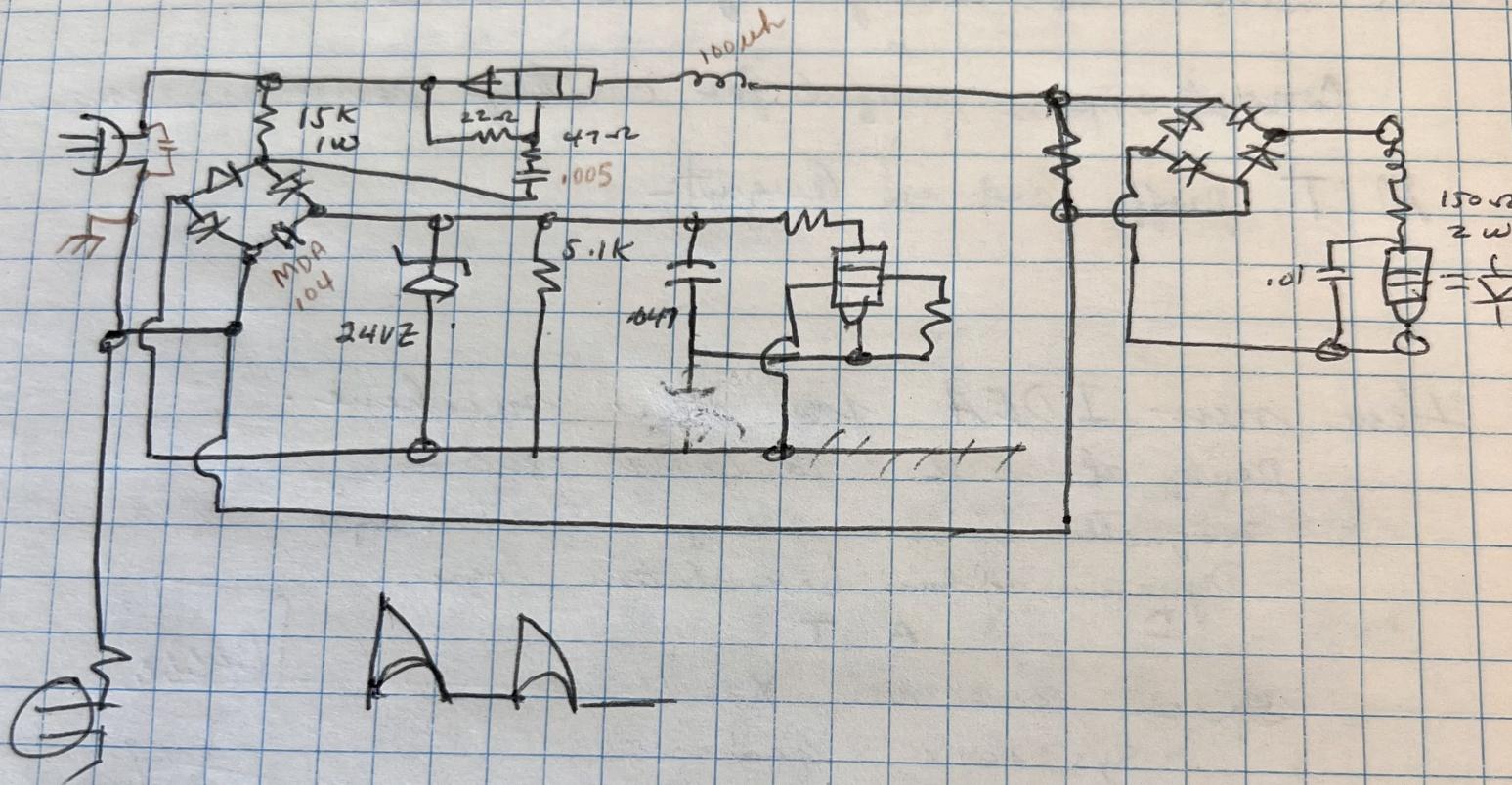
Potential - microprocessor - general
40M software for 1800.



Would like Engineer for 1 year
Assignment to put rep. together
with Software group 8

Pat Green 6621.

7/10/75 - Roy's circuit on Black Board



This drawing not like print rec'd from
Rich Hawton.

11/28

Test program to check data latches of printer attachment card

0900 1F20 ^{Print}
1508 reset, attachment
allow printing

D201
(0009) R4 low address

D401
(00FF) data to R4

4524 -1 fetch data using address of R2, -1
4520 +1 = , , +1

0910 (F001) 1508
F007

Cannot get Print latches to respond to input data.

Will build new attachment card for Typewriter features using epistemic card location.

Wiring for card socket "B2" of Scamp I serial # ~~2~~ 2.

D02	+ FM DR A	B02	+ D.A. X1	P02	+ FM DR A	M02	- PRT M DR A
D03		B03	+ D.A. Y1	P03		M03	" " " A
D04	PRT E1	B04		P04	+ FM DR B	M04	" " " B
D05	PRT E2	B05	- BUS OUT 4	P05	+ FM DR B	M05	CYCLE CLUTCH DR
D06	PRT E3	B06	- BUS OUT 8	P06	T1 DATA DR	M06	PRT DATA
D07	- POR	B07	- BUS OUT C	P07	T2 DR	M07	R2 DR
D08		B08	- BUS OUT B	P08		M08	R2A DR
D09	BUS BIT 8	B09	D.A. X3	P09	SHIFTER DR	M09	" R5 DR
D10	BUS BIT A	B10	D.A. Y3	P10	" " D	M10	R1 DR
D11	HORZ DRIVE (157KG)	B11	- BUS OUT A	P11		M11	
D12		B12	- PUT STROBE	P12		M12	
D13	- CTRL STROBE	B13	INT REQ LVL 2	P13		M13	+24 VOLTS

J02	Left Margin SW	G02	- BUS OUT 2	V02		S02	
J03		G03	- BUS OUT D	V03		S03	
J04		G04	- BUS OUT 1	V04		S04	
J05		G05	VERTICAL SYNC	V05		S05	
J06	+ INT LVL 2 TR	G06	WIRE CHECK	V06		S06	
J07	BI PARITY BIT	G07	FORMS EMIT B	V07		S07	
J08		G08	FMS EMIT	V08		S08	
J09	+ INT LVL 1 TR	G09	- READY R	V09		S09	
J10	- BI BIT 1	G10	BI BIT A	V10		S10	
J11	BI BIT 2	G11	- " B	V11		S11	
J12	BI BIT 4	G12	" " C	V12		S12	
J13	BI BIT 8	G13	" " D	V13		S13	