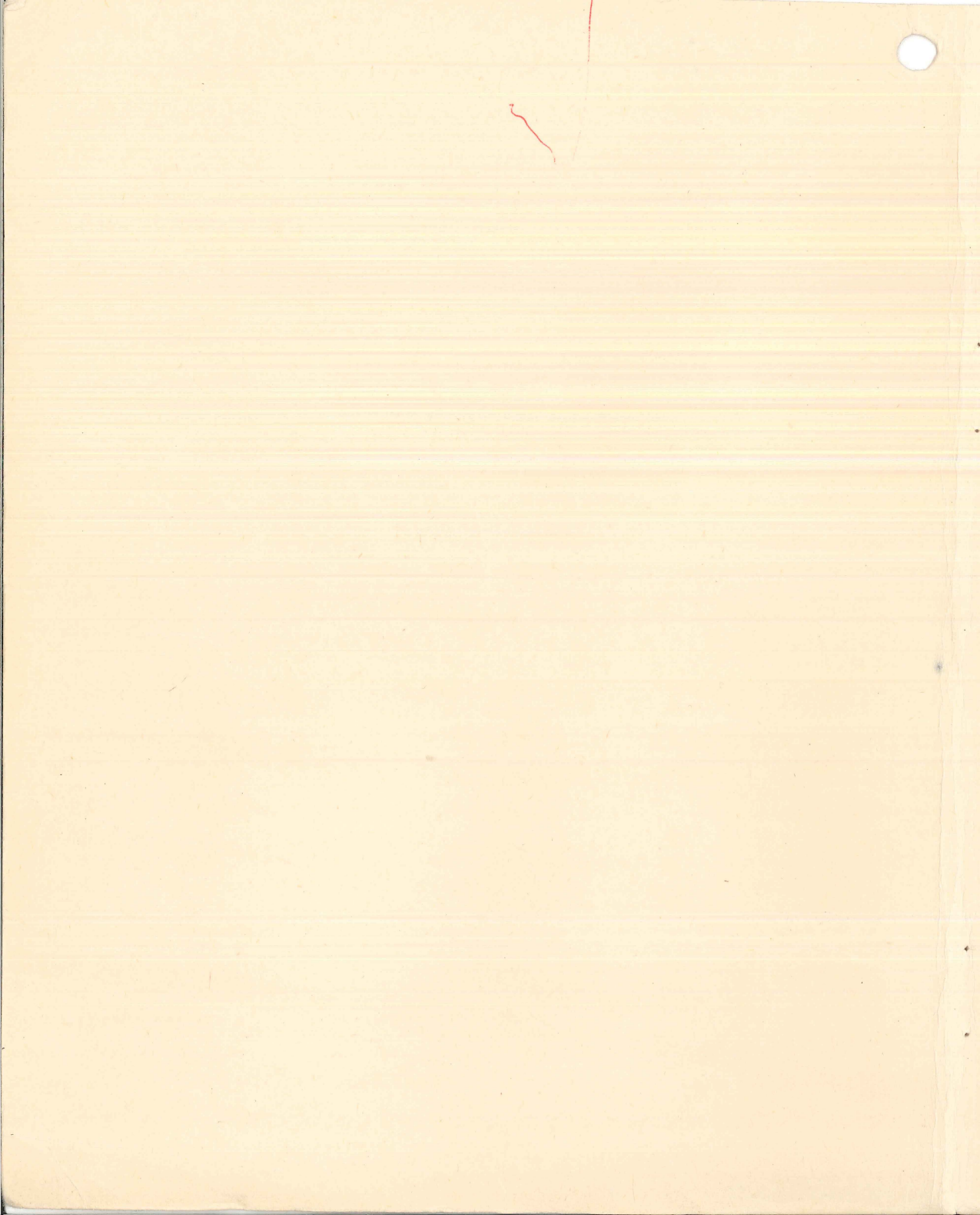


PDP-11 SYSTEM

LOG BOOK



- 4-JAN-83 11:30 am System restarted after Christmas shutdown. Seems to be noisy fan somewhere.
- 5-JAN-83 8 am. System shut down to locate noisy fan. Front bottom CPU fan replaced. Aux cabinet fan removed for bearing replacement & reinstallation. System restarted 9:35 am
- 5-JAN-83 New system build on disc #517227
- 6-JAN-83 8:10 am System shut down to re-install overhauled aux cabinet fan.
10:10 am System restarted
- 10-JAN-83 7:40 am Power fail restart
- 14 Jan 83 Trying out the system 15-20 hrs. JKA
System Halted & Rebooted
- 1 Feb 83 System not working 14.30 hrs J.K. Over
System Booted.
- 16-Feb 83 System down. Rebooted 0817
- 16-FEB-83 System halted to install WP11. Rebooted 0947
WP11 Test OK 14:56
- 17-FEB-83 0830 GAOHE HUNG
SPOOL/~~REACT~~ PURGE
SPOOL/START

- 18-FEB-83 12:50 Crashed System by running
STAR.SAV
- 21-FEB-83 9:20 - WB11 Reconfigured to Vector 380
- 22-FEB-83 12:55 Crashed by playing with
K0: Handler while LP: Loaded.
- 22-FEB-83 15:50 - Crash when touched board
- static belt to memory! Power-F-System
Halt.
- 24-FEB-83 crashed (System Halt) Playing
with K0 Handler 10:02
- 2-MAR-83 crashed while testing EIS emulator
08:55
- 4-MAR-83 Close down for 5 min to fix cut
door tiles 12:00
- 10-MAR-83 8:24 Fault Light on REB2 -
Cleared itself when used. Smoking
was at base of machine!
- 15-MAR-83 7:45 DR11 emulated. A.B. Light
on Power Supply in 4 (-15V)
afternoon intermittent
- 24-MAR-83 9:28 Power lead pulled accidentally
- 25-MAR-83 1:20 Rebooted.
- 5-APR -83 12:15 Failed when doached

- memory board. Rebooted
8-APR-83 Power Fall - Steve had on
Power cord
12-APR-83 Rebooted - Wasn't a crash after all.
- same med line.
20-APR-83 - Satellite crash down ~~KED~~
BSAM..F Trap to 4 145572
29-APR-83 - TURNED VT100 TO SHOW G.N.
KED + POWER LEAD APPARENTLY
ARCEP WHILE IN KED.
KED WOULD NOT EXIT →
NO ATTEMPT COULD ENABLE ME
TO EXIT ... REBOOTED 11/40.
3-MAY-83 New system built on disc #557046
Doesn't work. (NO TIMBIT)
new OLT1 installed
4-MAY-83 new OLT1 doesn't recover.
EL8 (8881) replaced.
5-MAY-83 11/40 BS 1-1ang. 100mg MACRO computer
New system built on disc #557046
with TIMBIT support back in.
Works OK.

- 5-MAY-83 New system built on base #517227
with ladder suffix '4' from
M1 & M2. ST Works.
- 9-MAY-83 0800 A/c conditioner frozen up.
 Shut down while defrozing.
 Install Thermostat MK1
 ST hot input enable.
- 10-MAY-83
- 10-MAY-83 OUTSIDE APRAY BOUNDS
- 11-MAY-83 BG Hung. PRINT COMMAND
- 12-MAY-83 ~~Schedule my upstream SPILL/DVRS~~
- 13-MAY-83 ~~ST hot input enable - drilling~~
~~in vacuum.~~
Thermostat installed
- 16-MAY-83 S shutdown on week-end due to
A/c conditioner maladjustment
& thermostat Terry
- 18-MAY-83 BG hung (SHERR) under ERLMONT
- 24-MAY-83 ST Hung in DL:
- 1-JUN-83 I created system by feeding wet
LP: bundles
- 7-JUN-83 0714 Power Restore

23-JUN-83 - I crashed 40 - "L TST" while
debugging
27-JUN-83 1100-1300 Down to reorganize room
30-JUN-83 1045 System crash while
COPY/DEV to a bad floppy

17-JUL-83 DIABLO HUNG

18-JUL-83 KED HUNG. ERROR RECOVERY
PROCEDURE DID NOT WORK
IMPOSSIBLE TO BOOT FROM
TERMINAL.

19-JUL-83 ST stuck in DL:

21-JUL-83 " " " "

28-JUL-83 1300 - cabling shutdown - Galleher off

4-AUG-83 1230 - Perry shipped monitor with
KORTAN

11 " " " " DITTO ?

9-AUG-83 System down in install LA100

24-AUG-83 Testing V3

30-AUG-83 11/40 HUNG

5-SEP-83 JACS SYSTEM KILLED SYSTEM

7-SEP-83 10:45 - 11/40 HUNG

13-SEP-83 Installed debugged X0 handler.

5 would reduce the number of
system crashes.

29-SEP-83 System crash while COPY/DEVILLE
on Foreign check. BAD FLOPPY

24 OCT 83
7:30 to
11:53

1. Replaced power board in
BGI AC power controller.
2. Replaced 2 fans on low section
of CPU chassis fans 1 and 2
starting from the front.
3. replaced caravelle fan in
cabinet 1. i.e. main memory.
cabinet.

7 DEC-83

11/40 Down to modify detector
circuits

13 DEC 83
16:24

11/40 reboot after Power Outage

REBOOT UNSUCCESSFUL

14-DEC-83

Rebooted OK

08:00:00

22-DEC-83

Replace Indicator Light in
Power supply #4

23-DEC-83

12:00 Christmas Shutdown

3 JAN 84 15:45 Start up after xmas
shutdown. Power supply shot E
crowbored several times before
penning' successfully.

9 JAN 84 10:05 restart after reflowing.
cooling fan in sb rear of
disc cabinet.

19 JAN 84 8:38 restart after
presumed power failure

24 JAN 84 9:15 - Crashed playing with
SPOOL

26 JAN 84 - Dump for cabling

6 FEB 84 - V5 RT11 installed on
disk # 557046

7 FEB 84 Reorganized OLM ~~was~~ Address
for 11/40 & 11/23

9 FEB 84 PROF CRASHED 70
IN FORTRAN

" " " DITTO

- 15-3-84 11-40 FOUND CRASHED
NO APPARENT REASON
- 10-4-84 8:55 11/40 Crashed - No apparent
reason.
- 1-5-84 New system built on #517227
- 11-5-84 Attempt to install STAR-clara VS
not very successful
On #517227 the main
system on it
Transient problem with D.X.D.
Cleaned out swapped drives
- 14-5-84 11/40 Crashed in TSTE
- STRANGE TRANSMISSION OF FILE
BEFOREHAND (40 → DEC)
- 13-5-84 STAR-T1 VS. successfully
installed
- 12-6-84 Testing KWT1 routing
- 15-6-84 " " "
- 15-6-84 COPY/DEVICE with dubious floppy
- 20-6-84 Unexplained system Halt.

- 9-7-84 New system Build on # 557046
- 13-7-84 crashed with fortran error
- 31-7-84 shut down to check crystals
- 10-8-84 7:30 power fail
- 12-8-84 4:45 pm 40 & 23 found crashed
- 14-8-84 New system built on # 517227
- 30-8-84 11:40 crashed when TSTE
interrupted
- 30-8-84 R PARIENTI FORTRAN
compilation error caused
23 & 40 to crash
- 30-8-84 DITTO BUT ONLY 40 CRASHED
- 4-9-84 Trying MULTI-11
- 7-9-84 40 crashed twice - fault in program
- 13-9-84 VS.1 system built on # 557046
- 17-9-84 VS.10 " " " # 517227
- 17-9-84 system halt
- 19-9-84 testing SP hang
- 21-9-84 (RUN & PTEST?) caused system
hang
- 25-9-84 system halt GDIR-
- 27-9-84 base crashed system

- 2-OCT-84 Treating fault in BRIAN's program
- 8-10-84 4. MHz crystals fitted to 11/40
Circuit board - 9800
- 9-OCT-84 SPOOLER crash
- 13-OCT-84 SPOOLER CRASH
- 18-OCT-84 SYSTEM CRASHED - Reason Unknown
- 26-OCT-84 SYSTEM CRASH - Reason Unknown.
- 31-OCT-84 SYSTEM CRASH - SPOOL
- 7-NOV-84 STEVE TRIED TO RUN
FORTRAN FILE
- 8-NOV-84 SPEAK gives me program that
crash system!!
- 9-NOV-84 Power fail
- 13-NOV-84 3L on ^{ADAPT} SPOOLER comes crashing
- 18-NOV-84 TRIED TO ENTER CAME
+ FELL OVER
- 21-NOV-84 Down crashing system.
- 22-NOV-84 Unexplained crash of Multi-P-11
- 29-NOV-84 Due: Killed system
- 6-DEC-84 SHUT DOWN FOR ANNUAL ROOM
CLEAN
- 12-DEC-84 ADAP CRASHING SYSTEM

8-JAN-85 - Crashed with DO: handler
10-JAN-85 " " " "

20 JAN 85 Rebooted (Richard Parrott)
29-JAN-85 System down - Cause Unknown.
D.G.H.

30-JAN-85 POWER FAIL

30-JAN-85 POWER FAIL 4.15pm -

14-FEB-85 11/40 Aux line changed
to 900 24800 band so
interferance measure

" " 11/23 " "

21/FEB-85 PROGRAM CRASH
28-FEB-85 DUNG
Crashed by TRANS-
from PL 325

21-MAR-85 Crashed with Matthew-11
Debugging

27-MAR-85 Power outage

28-MAR-85 " "

29-MAR-85 " "

5-APR -85 11/40 Aux set to 2400

- 10-APR-85 V5.1C system built on #352046
- 14-APR-85 - SYSTEM FOUND CRASHED - REBOOTED
- 16-APR-85 - SYSTEM CRASH
- 17-APR-85 " " TYPE ??
- 18-APR-85 - POWER RAIL
- 1-MAY-85 AIR CONDITIONER FAILURE
- 9-MAY-85 - CRASHED - PROBABLY OVER HEAT.
- 14-MAY-85 CRASH - UNKNOWN
- 20-MAY-85 REBOOTED
- " PROGRAM CRASH
- "
- 28-MAY-85 BLACKOUT ~ 8:45pm
- 29-MAY-85 11/40 MAIL @ 9:00
- 5-JUN-83 11/40 Console R5232 ICs Fitted
- 20-JUN-83 11/40 Crashed while working on it.
- 1-JULY-85 11/40 Console R5232 ICs finished
- 2-JUL-83 - BLACKOUT - SAT ~ 11:30 am
- 4/AUG-85 HEAP crashed system testing
- 5/AUG-85 WB
- 5/AUG - FOUND CRASHED
- 5/AUG - CRASHED FROM PROGRAM ERROR
- 5/AUG - Ditto
- 5/AUG - AND again! & again & again

- 13-AUG-85 SLON with system Job.
- Crashed.
- 21-AUG-85 - Heat killed
- 29-AUG-85 - " " with FRTP, SAV
- 30-AUG-85 - FIRST FULL MP-11 system
built on #577227
SYSTEM HAD WHILE INITIALISING D60
Heat cranking lectus 00:
Handler
- 19-SEP-85 11/40 Burg - Beeps
- 1-OCT-85 11/40 Crashed white Es TE 2
Despooling.
- 19-OCT-85 11/40 found crashed - 'Power Failure' ...
- 19-NOV-85 - SYSTEM HUNG on REBOOT
- 3-DEC-85 - Air conditioner Freeze - up
- 4-DEC-85 New system Built on #557446
- 9-DEC-85 Power Rail P
- 16-DEC-85 Power Rail P
-
- 2-JAN-86 Power Rail P
- 3-JAN-86 Heat Crashed it

10-JAN-86 R2d/2 Filter Clean
Head Clean

~~Reck~~ Ready lamp replaced
~~Filter Clean~~ Problems with
pack #557446 after head clean.
- Bld block appeared at 719.
Replaced and system ~~built~~ rebuilt -
seems OK now.

10-FEB-86 Trying to find files for Malcolm.
McGaskil. ~~can~~ system hung.

19-FEB-86 RTTI US. 2 installed on
A few RTTI updates

23-FEB-86 D.G.H. Crashed it

26-FEB-86 Power Fail

28-FEB-86 D.G.H. Crashed it

3 MAR 86 RAMS Crashed it

20-MAR-86

POWER FAIL

7-APR-86

Crashed - cause unknown

10-APR-86

"

"

11-APR-86

"

"

" 13550.6

10:45 - 11/40 hours

18-APR-86

DG H looking at hardware

20-APR-86

- found dead - rebooted.

21-APR-86

- C/O Hering RAB1 Alerts - seems to
be in strange software loop.

21-APR-86

IRP crashed ~~to~~

27-APR-86

halted again

28 April 86

system rebooted 6:45 am.

↑
Appears Faults due to air
conditioner problems - over-temp
relay tripping

21-MAY-86	DGA Crashed it
26-MAY-86	11/23 problem
23-JUN-86	JIM MANAGED TO MAKE IT HANG.
30-JUN-86	Power Fail
1-JUL-86	Building Discs for EMU
24-JUL-86	Heck Crashed it with KERMIT
23-AUG-86	" " " " "
28-JUL-86	POWER OUTAGE?
11-AUG-86	Dave crashed it
10-AUG-86	" " "
21-AUG-86	New system on disk #557046 INCLUDES T3X
26-AUG-86	DGA dropped it while rebooting
2-SEP-86	^{kind} Crashed - cause unknown
8-SEP-86	{ POWER PATE HALT & } Air conditioner Problems
9-SEP-86	
10-SEP-86	
11-SEP-86	11/23
12-SEP-86	→
17-SEP-86	11/40 & 11/23 Vellen Reorganized (OR11-6, DRV11, AXV11-6)

- 24-SEP-86 RT-11 S+3 Built on #517227
- 25-SEP-86 Finally sorted out V5.3 Problems
- 26-Sept 86 Power Failure - Whole town's
- 28-SEP-86 RT-11 V5.3 Rebuilt on #517227
Completing with updates F86 to layered products
- 29-SEP-86 Problems with corruption to hard disc during ISX experimentation. Repair disc #517227
- 3-OCT-86 ↓ Asst'd. Fiddling - RLY2 to BMA Unit
p/s Problems (transient) etc.
- 7-OCT-86 11/40 Down
- 9-OCT-86 Crystal Borrowed From LP: Board temporarily set back to 2400 baud
- 20-OCT-86 #5 Power Supply shut down
- 21-OCT-86 Air Conditioning Problems
- 30-OCT-86 11/23 Problems finally solved -
RT-11 V5.3 was not sending out parity at boot time - made WBOOT do it instead - beware of 00000T - not done.
- 31-OCT-86 BOOT SY: Crashed it

- 6-NOV-86 Power fail
 11-NOV-86 " " ?
 18-NOV-86 Thunderstorm
 19-NOV-86 ↓ SHUT DOWN
 19-NOV-86 BLOWN EIA DRIVER CHIP ON DL11.
 NOV-86 - a s s t d thunderstorms
 12-1-87 UP AGAIN AFTER CHRISTMAS
 ETC ✓
 19-1-87 Hesp shifted it.
 21-1-87 #5 power supply shut down
 27-1-87 Power Damage
 28-1-87 " "
 29-1-87 Power Supply Problems #4 & #5
 9-2-87 XL caused crash
 18-FEB-87 11/40 Google 11/40 (Kernighan)
 26/2/87 TURNED OFF DUE TO STORMS (Chris). 25/2/87
 10/3/87 Power Fail
 11/3/87 " " ?
 13/3/87 TURNED OFF DUE TO STORMS (Chris) 12/3/87.
 1/4/87 Bad K10 floppy caused crash
 2/4/87 RT11 V5.4 installed on #557046
 3/4/87 RT11 Update H. applied

6-APR-87	Some disasters with DBG-11
7-8-APR-87	New air cond. fan on 1 installed
13-APR-87	11/40, cause unknown
8-MAY-87	RT11 VS. 4A. Installation on # 51722.7
	FG V2.8.113. installed
25-MAY-87	Overran memory
16-JUL-87	XL Crashed it
21-SEP-87	Installing RT-11 MMV in 11/40
22-SEP-87	Installed Data memory in Bnd 11/40 Cabinet
29-SEP-87	OGH & UCF
1-OCT-87	Repair 11/40 #2 Fans
2-OCT-87	11/40 #2 online again
7-OCT-87	RT11 VS. 4B Built on # 557046
8-OCT-87	" " "
9-OCT-87	XL problems
12-OCT-87	" "
13-OCT-87	Power Fail
14-OCT-87	" "
15-OCT-87	Unknown Hang
21-OCT-87	FORTRAN Naughtyies (wire)
18-NOV-87	SL about FG job
23-NOV-87	Power Fail.

21-12-87 Power Fail

25-12-87. → Replaced IC, E73 on processor

29-1-88 board M7231

28-1-88 Floppy disc : O (caused disk motor).
Floppy drive removed for service.

1-2-88 POWER FAIL

11-2-88 New 11/40 configured

8-3-88 Maintenance (Oil 3 Boxer Fans).

16-3-88 11/40 odd floppy DVP crash

21-3-88 Extra 32K-B memory added

22/3/88 RT11 V5.4C built in #517227

25/3/88 11/40 went down (Kermit?)

6/4/88 Testing MT:

8/5/88 System re-booted 10.45 am

14/3/88 J O'Le Engineered crash from KERMIT

28/5/88 UGH writing handlers

6/6/88 more memory installed

8/6/88 Memory Installation

31/7/88 1300 hrs system responded
to all keystrokes with @?

23/9/88 Reboot. after I typed DIR DF0:2
 27/9/88 ELECTRICAL STORM.
 29/9/88 AUTO SHUT DOWN (AIR CONDITIONER)
 10/10/88 SHUT DOWN (AIR CONDITIONER).
 12/10/88 " " " "
 1/11/88 POWER OUTAGE
 1/11/88 POWER FAILURE
 10/11/88 Machine Hung
 22/11/88 Down - Power Fail?
 2/12/88 Short-circuit
 24/12/88 CHRISTMAS SHUT DOWN
 3/1/89 POWER SUPPLY FAILURE.
 17/2/89 11/40 HUNG
 26/2/89 11/40 Crash while unloading magtape
 29/3/89 memory board upgrade
 30/3/89 Price Hung it!
 4/4/89 256KB memory installed on 11/40
 13/4/89 11/40 Reboot
 1/5/89 Down Fail?
 4/6/89 11/40 ReBoot - M. Higgs CRASHED AFTER using
 6/6/89 11/40 Reboot - tried to use floppy etc. Magtape/Floppy
 13/6/89 11/40 Down - Power Fail?

②

14/6/89 TAPPE DRIVE INTERLOCK SENSOR FAILED
13/7/89 RT11 VS146 installed on #557046
19/7/89 KERMIT HARDY
16/10/89 Thunder storm shutdown
27/10/89 DGH Crashed & L
30/10/89 "
5/12/89 STORMS
13/12/89 "
02/01/90 11/407:30 storm previous evening
16/01/90 Reboot (Storms) J.M.
29/01/90 " " D.G.H.
30/1/90 " Door open too long! D.G.H.
1/2/90 " Air Cond Freeze up D.G.H.
2/2/90 RT11 VS-S Buiton #517227
5/2/90 DGH did it.
7/2/90 Bus Repeater Commissioned & System Reorganised
for Commenced
9/2/90 Storms
12/2/90 "
23/2/90 server moved to 11/34
15/2/90 Air Cond Problem
16/2/90 Working on Comm Links.
21/2/90 RRAI Failure on 11/40

3-4-90 Swap DLII Board on Link.
 12/4/90 Down
 29/5/90 Down - Reason unknown
 26/6/90 11/40 Crash XM PARI?
 22/6/90 Power outage
 30/7/90 Crashed?
 10/8/90 RTII G.S. Britton # 557046
 26/9/90 POWER FAILURE from Storm which caused
 the disk drive belt to drop on the 11/40
 25/9/90 Reboot 11/34.
 30/10/90 11/40 used for MTI - 11/32p Elakay
 30/10/90 11/40 Contactor Replaced
 5/11/90 storms
 29/11/90 Storms (Full Shut Down).
 30/11/90 Reboot 11/40.
 30/11/90 Reboot 11/34.
 30/11/90 Reboot 11/23.
 12/12/90 Airconditioning Failure
 12/12/90 Overtemp Controller Installed
 1/2/91 Power outage
 7/2/91 Power supply problem?
 27/2/91 Powersupply Fan Replaced

7-3-91	11/40 Overtemp tripped
17/6/91	11/40 Unagreed
24/6/91	Storms
22/7/91	REBOOT, M. MORRIS.
10/10/91	Power Fail
18/10/91	11/40 Down
23/11/91	11/23 Hard Disk Problems - not written
20/10/91	Power Fail
8/11/91	Overtemp tripped
18/11/91	11/40 Down due to power failure
22/11/91	11/40 Down (Storms)
22/11/91	11/34 Reboot (Storms)
28/11/91	overtemp
9/12/91	Storms
2/1/92	Christmas shutdown
30/4/92	Power outage
17/4/92	Reboot
22/11/92	" Power Fail
30/7/93	Unexplained Crash
2/8/93	INDEX crashed it
2/9/93	Reboot 11/40
8/10/93	Power Fail
	AC - Power

16/2/94 Back on After A/C Failure

17/5/94 REPLACE POWER SUPPLY FAN (RESTART) 11/40

N.B. - STILL NOISEY TOP FAN ON TAPE BACKUP UNIT.

19/10/94

11/40 Power Failure

