

Installed Slackware 2.3.0 - 16/6/95.

A, AP, D, N, X, XV, XAP, XD

metablas -

18/6/95. - Removed ncurses 1.8.6 with 'Pkgtool' (Could not compile TNOS 1.14).

- Installed ncurses 1.8.5 from Slackware 2.0.0 CDROM, using 'install pkg' - TNOS now ok.

20/6/95 - 'gpm' did not seem to function correctly. Switched to old gpm. Installed it in /usr/local/bin. gpm ok now.

21/6/95. - Installed 'Procmail-3.10' oh /usr/local/. Did this because 'Smartlist' did not work correctly after upgrade to 2.3.0 (suspect the problem was I installed Procmail on /usr/ in previous version) Keep all new stuff on /usr/local !!!

25/6/95 - BayGATE mailing list created.

4/7/95 - TNOS v2.0 installed.

14/7/95 - Installed F series Slackware disks

14/7/95 - fitted CDROM in PC.

23/7/95 - Installed xscreensaver-1.21 (/usr/X11/bin) src is /usr/local/src/xscreensaver-1.21/.

25/7/95 - Installed 'old' version of 'Fromdos' in /usr/bin that works, and mv'd (Slack 2.3 Fromdos) to /usr/bin/fromdos.o.

29/7/95 Removed 'stock' Slackware XFM + installed XFM 1.3.2.

Sources are in /usr/local/src/Xfm-1.3.2. got it from ftp.x.org in contrib/applications, I think.

12/8/95. Put 'iharc' in /usr/local/bin' Also Installed 'DIGINFO' program in /usr/local/bin + /usr/local/lib/diginfo.

10/09/95 - Got MBBS went live 8pm local

11/09/95 Installed 'Cookie' program in /usr/local/bin + /usr/local/lib/cookie-mahstar/

21/09/95 - Installed MH-6.8.3 (mail progs) list of all installed files is in /root/MH-6.8.3-files.

24/09/95 Installed TNOS 2.01.

8/10/95 Installed PGPP 2.6.2i is /usr/local/bin

9/10/95 - Lurpac passed 'buzzer' 'buzzer'

8/10/95 - Moved /usr/bin/ncFTP to ncFTP.O + put new version on 2.2.1 - /usr/local/bin

11/10/95 - Installed Unidoc-Sign 1.4 -

5/11/95 Added Tk+Tcl Slackware packages 2.3.0.

6/11/95 Removed Tk (Slackware) due to problem w/ security,

6/11/95 - " - Tcl - " - This was done because I need / to compile Tk w/ -D_NO_SECURITY (or something!!) The Slackware comes w/ this undefined! So I have to compile from source

16/11/95 Installed Tcl 7.3 from Source + tk 3.6 from source

16/11/95 Installed dPwsh - (tcl-dp3.3b1)

18/11/95 Patched drivers for music (Musserver). Had to recompile kernel to include FM Synth support. Use OPL-synth and IO 301H for midi;

29/11/95 - Removed Slack 2.3 GPM + installed GPM-1.0.6 /usr/local/

5/12/95 Updated exmh to ver 1.6.4.

3/12/95 Installed kfingerd, replaces fingerd. Also installed it on gate.g6pf.y.

10/12/95 Installed Tk4.0 and Tcl 7.4 -(Tk using -D_NO_SECURITY).

-" Installed Icd-2.0.0 (local directories)

20/12/95 - Started using tkgoodstuff. Problems getting it to work well yet.

23/12/95 - Installed FVWM 2.0.39

7/1/96 - 80mb disk in gate.g6pf is 527 cyl 39spt 8H. 8mb

7/1/96 - Web counter @ lurpac for g6pf.html = 20 , lurpc.html = 22

8-19/1/96 - Changed over to Red Hat 2.1 ELF system. Restored /home /root
(Also switched 386 To Slack 3.0 ELF) + /usr/local off slackware 2.2.
System

SEE OTHER BOOK

(Info previous to this is in other logbook)

INFO OF NEW REDHAT 2.1 INSTALL

- 19/1/96 - Setup cron entries for new Red Hat install
- 20/1/96 - Put netdate in /usr/local/sbin.
- 21/1/96 - Installed 'elvis' in place of 'viri' - Symlink from /bin/vi
- 22/1/96 - Installed termcolor2. Needed to make symlinks from /usr/bin/tic to /usr/lib/terminfo/tic and /usr/lib/terminfo/utic
- 23/1/96 - Installed rman (RosettaPlan) for use with Tkman.
- 24/1/96 - Been having problems since upgrade to R.H. 2.1, with netscape. When ran as 'root', system became unstable, reporting 'cannot stat /dev/zeros'. Problem cured by upgrading from /i386/rpm to /i386.5. Used rpm -U /i386.5. Netscape now works OK.
- 24/1/96 Installed FUWM 2. + lots+lots of 3d pixmaps - /usr/local/src/3dpixmaps
- 27/1/96 Installed MC-3.1.2; overwrote existing version of 'mc' in /usr/bin.
- 2/2/96 Installed MOO-TIFF (osf/MOTIF 2.0) X11R6 version (x-out)
- 10/2/96 Installed Lsox /usr/local/bin/Sox, with symlinks to /usr/local/bin/pplay.
- 10/2/96 - Trying to install Xaw3d. No success yet!
- 28/2/96 - Installed 'atalk' - appleTalk Server. Had to get the package netatalk-1.3.3b2 and patch 1.2.13 kernel by doing a 'make kernel' + one or 2 other changes - (see printed out docs). Then I installed the netatalk-1.3.3.rpm + it worked! Apple <> Linux!
- 15/3/96 - Installed 'Mavodemo 1.93.
- 5/4/96 - Installed FUWM9S-2 (with 95 lookalike for FUWM2) - It puts some icons in /usr/local/mini-icons.
- 29/4/96 - Installed XMCD, - placed files in /usr/lib/X11/Xmcd + /usr/bin/X11/Xmcd
- 30/4/96 - Got Pre-1.0 release of Murfm. statically linked against Motif 2.0 + XPM
- 3/5/96 - Installed new version of fuwm9s - Ver fuwm9s-2.0-41c.
- 10/5/96 - approx - Sold 496DF266 - \$50 inc 14" monitor
- 25/5/96 - Got new PC - P150 - 48mb ram - Tritab 2 board etc.

- 26/5/96 - Brought new PISO up with Red Hat 3.0.3 - (Picasso)
 27/5/96 - Installed 8x comms + serial card - MADC.
 " - updated to - fawm95-2.041F.
 4/6/96 - Apache 1.0.3 as on unixphf:cray.org - looks for Cgi-bin Scripts
 in /home/httpd/cgi-bin and NOT /usr/local/etc/httpd/cgi-bin
 10/6/96 - Upgraded to Linux 2.0 - using RPMs.
 25/6/96 - Installed Accelerated-X. unpack from /usr/X11/lib/X11/thin
 run /usr/X11/lib/X11/bin/Xsetup + Xinstall
 26/6/96 Installed Motif 2-ELF - unter from root
 " Installed xmldiary 3.0.1 (some bugs?)
 " Installed xmaeladdressbook.
 24/7/96 Installed TNOS 2.10
 3/9/96 Installed Net-tools-1.32-alpha. This replaced existing Red Hat ones +
 renamed them *.old. e.g. route.old. arp.old
 10/9/96 Removed exmh rpm using 'RPM -e exmh' - now have
 10/9/96 Installed exmh 1.6.9 from sources.
 26/9/96 Installed Zmail 3.2.1 from RPMs also include Motif 1.2 - VERY nice.
 27/9/96 Installed WP 6.0 for Linux
 9/12/96 Moved Quic�on over onto gate.gopher (386st) as parallel port
 on unixphf is now used for printer. Two printers setup using apollo
 control-panel on unixphf one - 'lp' is using ljet3 filter, 300x300,
 A4 paper etc, other 'lp0' is raw printer for use by samba
 etc.
 9/12/96 - 64 meg ram + added spare 320 meg drive. Also now using
 ext2 300 meg partition on /usr2. (approx 2.5Gb of disk)
 15/12/96 - changed over to new IP addresses + hub switch in Lane @ Middle.
 15/12/96 UPGRADED Picasso to Colgate 4.0 off CDROM
 393 packages - 293mb to upgrade. (IBCS rpm failed to install)
 Argh! upgrade has removed /sbin/slattach! causing major grief!
 17/12/96 - Things getting back to normal! Installed Afterstep 1.0pre-2 also
 removed Accelerated-X 1.3 + Installed new 2.1 version! - wicked.
 27/12/96 - Installed errata Colgate packages. Scanned OK.

- 2/1/97 - installed /etc/genericstable.txt and ran
MakeMap -v hash genericstable.db < genericstable.txt.
Also made my own sendmail.cf file too. Set Smarthost -
DS gbw.ca.pr.org and Kgeneric hash -o /etc/genericstable also
added a rule in Router # to send all .ca.pr.org to gbw.ca.pr.org.
Make sure also that in /usr/lib/sendmail-cf/cf/Mary.mc
that you put 'FEATURE(Masquerade_envelope)', this forces the
'From' header 'From:' is handled by genericstable.
- 9/1/97 - Installed Wabi 2.2 from Vlad's CD. Using RPM file. installed
/opt/bin/wabi to run - BUT, it needs 86pp color! crop!
- 10/1/97 - Installed MFSM-1.3 file system monitor, v. nice! /usr/local/bin
- 15/2/97 - Installed xmcdr from xmcdrn.tgz in /home/ftp/public/linux/exports
- 29/3/97 - Backed up /, /home, /usr/local @ Mary using dump.
- 8/4/97 - Upgraded Mungo from 3.86.32.33 - 4.06.32.33 - also put 2gb tape drive + SCSI card
in it.
- 9/4/97 - Built new kernel with IP masq in + watchdog module for Mary.
- 10/4/97 - upgraded Mungo to RH 4.0. (no updates yet)
- 23/5/97 - Installed 'buffer-1.17' program to help tape backups over network.
- 11/6/97 - Installed bru-14.3 (tape backup) - seems to work ok. - Mostly in /bin + /etc
- 20/6/97 - Installed from "OpenLinux Lite" CD - looking glass - evaluation - 90 day trial
lg-doc, lg-excl, lg-pg, lg-rules. (4 rpm's) also installed
CRISplit graphical editor - used by lg for help windows.
- 22/6/97 - Strange problem is occurring when backing up root fs which is exported
from Mary to Mungo. (backing up using bru or tar) - so upgraded to a newer
NFS Server + Client on Mary - West Version from Caldera OpenLinux CD
- 23/7/97 - Moved the temp probe to Mary - installed on /dev/cu1 (2nd port on digi board).
- 24/7/97 - Installed KFrigord in /usr/local/sbin (also tempd) to handle fanjars to
temp@Mary.gbw.ca.pr.org to get correct temperature. Temp is written to
/home/fanjar/temp. - Put line in /etc/rc.d/rc.local to start the tempd @
boot time.
- (Tue Sept 1) - removed Wordperfect 6. - /opt directory. - needed space.
- 5/8/97 - removed 'ences' to free space on /usr/local [disk full - out of room 20%]

10/8/97 - Installed PG-PSOB-H-lint.

17/8/97 - Installed TNOS to run as user thos + group thos, all thos files are now in /home/thos.

18/8/97 - Finally got 2nd Xclocker link working. lots to do yet though!

28/8/97 - Needed to install JDK (java) to run Ian's Java IP issues. JDK rpm depended on Kaffe, so installed - Kaffe-0.8.3 + Kaffe-bissant-0.8.3, then installed java - JDK-1.0.2 had to "force" it.

28/8/97 - Problems with JDK Soft close, removed it all for now.

5/9/97 - Installed xlockmore-4.3 + (Mesa GL + Mesa GL-Direct) ^(rpm) - needed for some of the fancy OpenGL-like modes for Xlockmore - 5011P

5/9/97 To get the above xlockmore working, so you have the fancy modes like - Sprongies, gears etc., you need Mesa GL + Mesa GL-Direct, then edit the Xmakefile to tell it you have GL, XPM, CDE or whatever, then run XMkmf; make; make install. Note - Probably have to chmod 4755 xlock to get it working with shadows.

6/9/97 - [Princess Diana funeral] Started to clean up Mary to make way for upgrade from RHL 4.0 to 4.2 (Biltmore)

6/9/97 - Before upgrade - 18.5 meg free on /, 233.7 meg free on /home, 129.3 meg on /usr.

6/9/97 - Upgraded To RedHat 4.2 (Biltmore) from CD.

6/9/97 - Some minor problems. Major(ish) one, CDE does not seem to start now?
- Space left now 23 meg on /, 233.7 meg free /home, 106 meg on /sr
Some updates added. Solved problem with CDE, could not find libXtM.so.1 etc.
checked up running RPM - force -Uvh TEDbase.rpm.

28/9/97 - Updated Munyo to 4.2 -(long job! over 3 hours!) (292 packages, 193MB)

4/10/97 - Installed Xlibs on Mary (/usr/lib/), also updated the versions already on munyo.

4/10/97 - Upgraded SSH on Munyo.

12/10/97 - Oh dear! began swapping disks round + installing a 5gig disk to replace the 2x 1gig disks whilst. - Began @ 13:30 - Mostly done - 17:45.

13/10/97 - Things nearly back to normal after disk swap. - Installed latest updates to Mary.

28/10/97 - Pisa was rebooted remotely + never came back up. looks like a hardware fault will investigate next week when back @ work.

[Pisa problem was a bad disk! Changed it]

9/11/97 - Put xpm on /usr/local/bin - as recommended by Davies!

9/11/97 - Installed gtk+-971025 rpm - needed for new 'gimp'

- Installed gimp-0.99.15 rpm

10/11/97 - Moved 2m packet freq to 144.925 after 8 years on 144.625... so!

18/12/97 - Added extra 64mb memory to Mary - now 128mb - 000289 - 94

23/12/97 - Installing KDE - beta 2 to try. Downloaded rpm's from mirror of www.kde.org. Needs qt-1.31 (1st), kdesupport (2nd), kdelibs (3rd), kdebase (4th). also installed kderootkit, kdelibs, kdemultimedia, kdegames.

25/1/98 - Compiled httpd comes daemons are pid + M, NC, apachectl MA - 000289

① run - /Configure

② Make sure that you add /usr/lib/gcc-lib/i386-linux/2.7.2.1 to your PATH

③ Now edit "CDEF3 = -DLOGGING" in Makefile and uncomment

'CTYPE =' and '#' out 'CTYPE,=w,b,i4@-lmpout' and it is ok

4 More! just go work! auto config helped a lot - 000289

3/1/98 - Installed PIGS that Tony gave me. (had power cut and went to music)

2/1/98 - removed KDE Beta 2 + installed KDE Beta 3. Had to use :-

rpm --force --nodeps -i hv package.rpm - also upgraded to qt1.32

6/1/98 - Problems with hda in Mungo. Rebooted and all seems ok!

7/1/98 - Trying Enlightenment - DR-13.2 - not impressed.

10/2/98 - Installed APC - 650 Backups pro UPS.

14/2/98 - Carried out shutdown test with UPS 35 mins until shutdown with Mary + Mungo on the UPS.

16/2/98 - Problems I have been having for a while with Mary seem to stem back to Feb 3rd when we had a power cut. Brought Mary down + fsck'd all f.systems. - Problems Still!!

16/2/98 - Installed Proxmeter-2.4b from Source Mary + Mungo.

17/2/98 - Problems with 'Mary' still! - reinstalled sendmail rpm's from 4.2 CD. seems to have helped the odd sendmail - running out of disk space problem.

I have backed up /home/g6phf - Mine.. thus + have MKE2FS on /home! - Now restoring from tape, then restore from recent backups off Mungo.

23/2/98 - Finally found problem with Sandrai + other processes reporting the file system was full - cause:- In BIOS I had set the memory refresh rate to 60ns - when I set it to 70ns, all ok! I think I altered this when I fit the P166.

27/2/98 - Finally got boot disks (images) for AX 3.2.5 + booted 'Midge' VP - RS6000 - 34M (7012) + got it working on network.

1/3/98 - Bit the bullet! - patched my kernel source - 2.0.33 with ax-25-module-14 + recompiled + rebooted!

2/3/98 - Compiled ax25-utils-2.1.42a + installed.

10/3/98 - Installed XF66-702e. - began setup.

14/3/98 - All radio ports, 2m, 4m + bif are now on kernel ax-25.

15/3/98 - Still setting up XF66.

30/3/98 - Installed xforms-0.86 + xforms-devel - needed for xwatch - log file watcher.

20/4/98 - Moved Risc router to St.Moritz tower block. Now waiting for rain to see if it has improved matters.

22/4/98 - Afraid not. Link dropped after about 1 hour of heavy rain this evening! Back to the drawing board!

1/5/98 Added extra 64mb to Mungo. Total 80mb

17/6/98 - Upgraded to Bind-8 (due to security holes in bind 4 which allow remote root).

Installed pre built rpm's for bind 8.2 (/home/fcp/pkgs/linux/security/ on Mungo). Once installed needed to run a perl script to convert my old V4 style /etc/named.boot to new /etc/named.conf. Script to run is in /var/named ./named-bootconf.pl </etc/named.boot> /etc/named.conf.

28/6/98 Had problems getting SMBMount working to Mount. W95 box to do a backup. The fix for this was to enable "user level access" in W95- (control-panels/passwords). Once done I can mount 93box like:- Smbmount //dose/c - /mnt/was -c mungo -U rick.

July/Aug 98 - Compiled KDE 1.0 + installed on Mungy

Sept 98 - Not much happening on the Linux front these days! Playing Quake 2 a 8bit over Network. Set Q2 Server + bots up on Mungy + Mory, PII 400 keeps me busy too!

11/10/98 - Installed xntp-3.5.90 on Mungy + Mory.

30/10/98 - Sussed out 'From:' header fix for Zmail again! NOTE:-
go to OPTIONS/VARIABLES/COMPOSITIONS + 'hostname'.

2/11/98 - Had to re-boot Mary (94days) - lost Zm part after trying to
get modem working.

17/11/98 - Biased antenna at L+MC for a planet 19. -

17/11/98 Note about 'MH'. To set headers, e.g. From: Reply-to: use ~/Mail/
Components file. Make sure you also have a ~/Mail/replcomps file too!
This friggs headers for replies too!

Early Dec - Conducted various tests from L+MC to get a link working to my home.
Ended up with a dual ASK box (2x wavelan) @ college. PLANET 13
on one pointing @ M/c High School + PLANET 19 pointing here.

15/12/98 - Swung beam @ home to college + it worked! See what happens in
heavy rain now! (Not telling anybody at the moment). - NO DIFFERENT!!

Early Jan 99 - Had help from Mark (GARID) Dave (ns) + Dave (cru) to take yagi down here
and replace with a planet 13 - link to college. - Now waiting for
rain.

Mid Jan 99 LINK FIXED! - NO DROP IN SIGNAL IN HEAVY RAIN!!! - AT LAST.

Conclusion - Circular polarisation less affected by rain / reflections
than Vertical or Horizontal.

21/2/99 - Upgraded Mungo from P75 to 200MHz - problems with Adaptec
SCSI card at present though.

14/3/99 - Got NCR PCI SCSI card working in Mungo instead of Adaptec. Had
problem with it not being able to get an interrupt. In the end I
had to go into the bios + assign one of the IRQ's to PCI instead of
Legacy ISA. Also installed 9GB Seagate disk for testing.

20/3/99 fitted 8GB disk in Mungo and installed Mandrake 5.3 (Festoon) which is
essentially RH5.2. Tried to get Kernel 2.2.0 installed but could not get
more than one IP tunnel to work. Went back to 2.0.33 for now.

27/3/99 - Installed Wine and got Unreal Server working in it. Needed version 99.02.25
to make networking work OK.

13/4/99 - Updated from Wu-mail-BETA-12 to BETA13

14/4/99 - Mungo: - just received (+fixed) .htm pages were not being passed as html files by -

the newer version of Apache on Mungo! They were treated as plain text. Needed to add 'html' to end of a line in /etc/mime.types. - now reads:-
text/html . . . html html -

18/4/99 - Luis to College dropped out again. I could rx it but it could not hear me. Appeared to be the same old problem as usual where the ASK box locks up.

19/4/99 - Decided to get ladders out + swing planet 13 antenna to Pisa@chi. What do you know, same symptoms! - Anyway I rebooted Mungo + swung antenna back to College and it worked! I believe by changing NWID of card (inconfig), in the process, must have reset it enough to make it work!

22/4/99 - Lost networking eth0 on Mungo. Brought eth0 down + back up again, cured problem?

22/4/99 - Installed RH 5.2 on Sparc Classic, ex Henson machine - in genesis land. Compiled + installed SSH 2.0.12 on Sparc + Mary + Mungo. Left old ssh on Mary + removed old one from Mungo - not sure why yet?

23/4/99 - Make sure on Sparc that you compile kernel with CONFIG_SUN_OPENPROMIO if you want to be able to use 'setconsole' command to direct console output to the serial port ttys0 etc.

25/4/99 - Removed all traces of SSH 2.0.12 from Mary, Mungo + Sparc. Began compiling SSH 1.2.26 on all machines.

4/5/99 - Added a 2nd ext card SCSI disk to Sparc Classic, had booted running fdisk on it! Had to use dd to blank first 512 bytes of disk, e.g.
`dd < /dev/zero > /dev/sd6 bs=512 count=1`

17/5/99 - Found + downloaded Bru2000 + Bru200-x11 from web. Installed it on Mungo. Not tested yet. To get the PCI SCSI cards working, ex 'Well' use the NCR53C8xx driver/module.

24/5/99 - Noticed red LED (replace battery) was lit on UPS. Brought Mary + Mungo down + removed from the UPS. Charging UPS up over night.

29/5/99 - Compiled + installed 2.0.36 on Mary. - Mungo also done

8/6/99 - Backups pro 650 - developed fault again. Phoned APC - new UPS on way!

9/6/99 - Installed New UPS!

17/6/99 - Installed 2nd UPS - SmartUPS 700i - gives UPS by Ian Richardson from Library. Needed 2 + new batteries / 2nd batt.

- 20/6/99 - [Fathers day] - Installed TK Part Module on Mary + Mungo. Tk806.01
- 26/6/99 - Installed TK 8.1.0 + TC 8.1.1 on Midge - Solaris.
- 26/6/99 - Noticed recently disks have been getting very hot on Mungo, specifically the 7200rpm one. Decided to move it further away from the other disk to try and make it run cooler. Also checked some. Diffs memory in Mungo too. PROBLEMS! Mungo is now behaving oddly. Seems to be crashing when checking the disks. Maybe the disk is damaged from heat?!
- 27/6/99 - [Sunday] - Took Mungo into work to investigate. I think I have fixed the problem. Took Diffs out, seems ok now! Will keep an eye on it!
- 27/6/99 - To install solaris packages:- Precompiled 'pwd' SUNWxinc
- 5/8/99 - Began upgrading Mary + Mungo + swapping things around. Mary is now going to have all radio interface + wireless link. Mungo will be web/mail server etc. Mary is a 200MHz i486 2gb disk RH 6.0 + kernel 2.2.9. Mungo is a Celeron PPro 366 0/c @ 458MHz.
- 14/8/99 - Changeover still happening - slow going.
- 29/8/99 - Both systems now back up - still configuring! Not much time present to do this. Mary + Mungo are both RH 6.0 with 2.2.9 kernels at present. Mary has thost+FBG running. Mungo is the FTP/HTTP server + also has console on it.
- 30/8/99 - Installed 5gb disk in Mungo for /usr/local - 9gb in /home.
- 31/8/99 - Installed Openview 6.01-trial version on Midge - Sparc Classic. Very impressive package! - only 60 day trial though!?
- 7/10/99 - All systems moved into loft! - (also got Sparc10 installed OpenBSD 2.5 on it)
- 15/11/99 - Not much to report really. All systems running from loft. TN3270 + FBB need a lot of tuning still, but had much time recently! Cameron back 25/10/99.
- 26/11/99 - Got Secure IMAPD working on Mungo. Using OpenSSL + Stunnel RPMs.

31/12/99 - Updated fbb to 7.01f.

1/1/2000 - All systems seem to have survived the new Millennium!
- TNOS thinks it is 1/1/100! though!

4/1/2000 - Finished Half Life - Opossum Forces!!

4/1/2000 - Still got problems restoring anything from Arxiea backups. Attempting to restore databases from tapes. - using
arkrstdb -d/dev/st0 -t "DAT-DDS3" -r "STD-DAT" - trying on tape
"Full 2" first.

2/2/2000 - Got BayMud-II - running again on Mungo:4000

Problems with BayMud - (Tunyash) won't compile on
RH 6.0 - Need to get later version?

4/2/2000 - Mungo crashed? - found it just "froze" in X? - nearly 100 days
uptime - Mary still running.

1/2/2000 - odd - Mary crashed now! - Not sure why yet. It was still forwarding
packets but could not login - even from console? Had to power
cycle it.

21/2/2000 - odd! Noticed Midge was set at the 'ok' prompt?! - Not
sure how long it had been like this. - Rebooted after 'sync'.

~~crashlog~~ when booting - Solaris said:-

"System dump time: Sat Feb 12 12:15:16 2000"

"Constructing marelit /var/crash/midge.spoo.org/unit.1"

"-----" /vmcore.1 "

100% done; 3462 of 3462 pages saved.

- lost log entry before reboot was Feb 12 12:13 pm. "httpd error"

23/3/2000 Not much happening here! - Been playing with MySQL a bit. Installed
Slash code on ISS-tecns@ work.

5/5/2000 - Noticed Midge had stopped responding + was set at the 'ok' prompt?
- rebooted it.

27/5/2000 - Upgrading Mungo to RH 6.2 (tested upgrade on PC in living room first).
(Michelle, Morgan + Carson are in Ireland seeing Bill for weekend).

Upgrade seems to have been successful. Still need to compile a new kernel!

- Upgrading Mungo to RH 6.2 - (uptime 111 days) - all ok except httpd.
Had to put symbol in for modules

In -S /usr/lib/apache /usr/modules ?

28/5/00 - Oh dear - noticed LOTS of SCSI errors on Mungo!

Scrolling up console :-

scrolling fast!

SCSI disk I/O error; dev 0:0, Sector xxxx.

SCSI disk error: host 0 channel 0 id 0 lun 0 return code 28 0x00002

Additional sense indicates Logical Unit Not ready, initializing command required.

Cannot reboot system properly - manual shutdown!!

RESET! have done a SCSI disk verify in the SCSI BIOS - will see how it goes now!

20/7/00 - Removed wu-ftpd 2.6 RPM + installed ProFTPD - config file source

5/10/00 - Installed 18gb SCSI disk in Sun. - Needs correct mounting bracket.
Battened it for now!

27/10/00 - Trying to clean up some routes on May - ended up loosing networking!
- Had to reboot (optime 153 days) - too much messing + too late to fix quickly

28/10/00 - Shit Mungo down to take SCSI dat drive off. - Put tape drive on Midge (solaris) boot - r

30/11/00 - We have moved into new house at Lancaster. All systems will probably be shut down this weekend 2 or 3rd DEC. Not sure when they will be running from new house!

24/6/01 - ~~new~~ Loft almost ready for PC's etc. Began moving some of the stuff into loft.

28/7/01 - Been having trouble trying to boot Midge (tmr25) up in loft. Boot process would start then the spinning '/' would just stop and the machine then locked up. Had to power cycle it. Problems booting from cdrom - wrong drive - should be /PCI@1F,4000/SCSI@3,1/disk@6,0=f. Use hdstore cdrom so that 'boot cdrom' works.

11/7/01 - Big gribit arrived from the States. Too windy to install on Bandol Tower @ moment.

12/7/01 - Still problems with Neira. Running OBP POST tests seems to show a faulty DIM @ U0701. Am moving the DIM to adjacent slot and re-running test.

~~Hard to find dim stick at U0701!~~ Fault has moved with the DIM!!

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25/3/02 - Now in here for IRLP node from home 70+2m

April 2002 - Started playing with windows 2000 Server @ home!!

SBS - Same as @ Moorside School. - Mainly for experiments.
Could be useful for CedarNet though!?

-- Putting together proposal to establish Testbed network for Cedars.
To fit in with the IPv6 Testbed.

-- Currently in left Sun Neira T112S - Cedars extend server - Real Web
P3 650 - Asteria firewall.
P2 400 - 2x 60gb - Cedars Internet - Web, DNS, DHCP, Samba
DLT + DDS3. - backups
APC SmartUPS 1400 UPS.
Cedron 450 - SBS 2000 Server. (experimental)

May 2002 - IRLP system installed - node 528.

27th May 2002 - Mains fuse blew - Feeding UPS. All systems down. Sometime in afternoon

Aprax July 2002 - bought DELL Xeon Server off Eley. - SBS 2000

16/10/02 - Installed SPI for ISA on SPRUCE1

3/11/02 - Added 256mb to firewall - 384mb total.

- 5/12/02 - rebooted SPRUCE1 due to this silly reporting bug with ISA reports failing
- 10/12/02 - SPRUCE1 crashed ~ 15:00hrs - I think it was something to do with one of the APC UPS services.
- 22-1-03 - rebooted SPRUCE1 - ISA REPORTS NOT WORKING - Also WM SERVER NOT BEHAVING PROPERLY
- 1/2/03 - Power shot off to loft to install main socket for distribution amplifier. - All systems powered down.
- 17/2/03 - Updated firewall to Asteria V4.0
- 2/6/03 - U1001 memory problem back with Solaris box.
→ - Installing 200GB mextor disk in SPRUCE1
- 14/6/03 - odd. Midge crashed! - Sat back at 'OK' prompt
(13.30)

25/7/03 - DDS3 drive on Midge faulty - swapping for one from Spruce1.

August 2003 - All PCs etc (except RLP) moved to rack in garage.

- 3/9/03 - Replaced 21spruce wancom bridge with WRT-11
4/9/03 - Turned off 23 SPRUCE WANCOM!

Linux Install + Upgrade to PII

(1) Install V99P9 from SLS floppies - (full base).

- (2) Install image 4.4.1 + do syncron - see FAQs. (From /)
- (3) Install Xtra 4.4.1. (From /)
- (4) Install binutils package. (From /)
- (5) Install gcc 2.4.3. files OWC-Main-Plus, lhf.
- (6) copy /etc/limits.h - /etc/limits.h.old + Put new /etc/limits.h in.
- (7) cd /usr/src/linux and rm -f -r *
- (8) install PII to above dir. (8a) Check to see if correct version of gcc is installed by doing 'gcc -v'
- (9) Make dep; Clean; zImage?
- (10) PRAY !!

Tape driver QIC-02.

- (1) cd /dev. - Mknod /dev/tape c 12 0.
- (2) insert tape + reboot.
- (3) My Presto!

E2FSCK

To repair + check fs, boot from floppy. - Do not Mount HD.
Then run 'e2fsck -r -v /dev/hda1'.

(*) - only this needed to upgrade to gcc 2.4.3.)