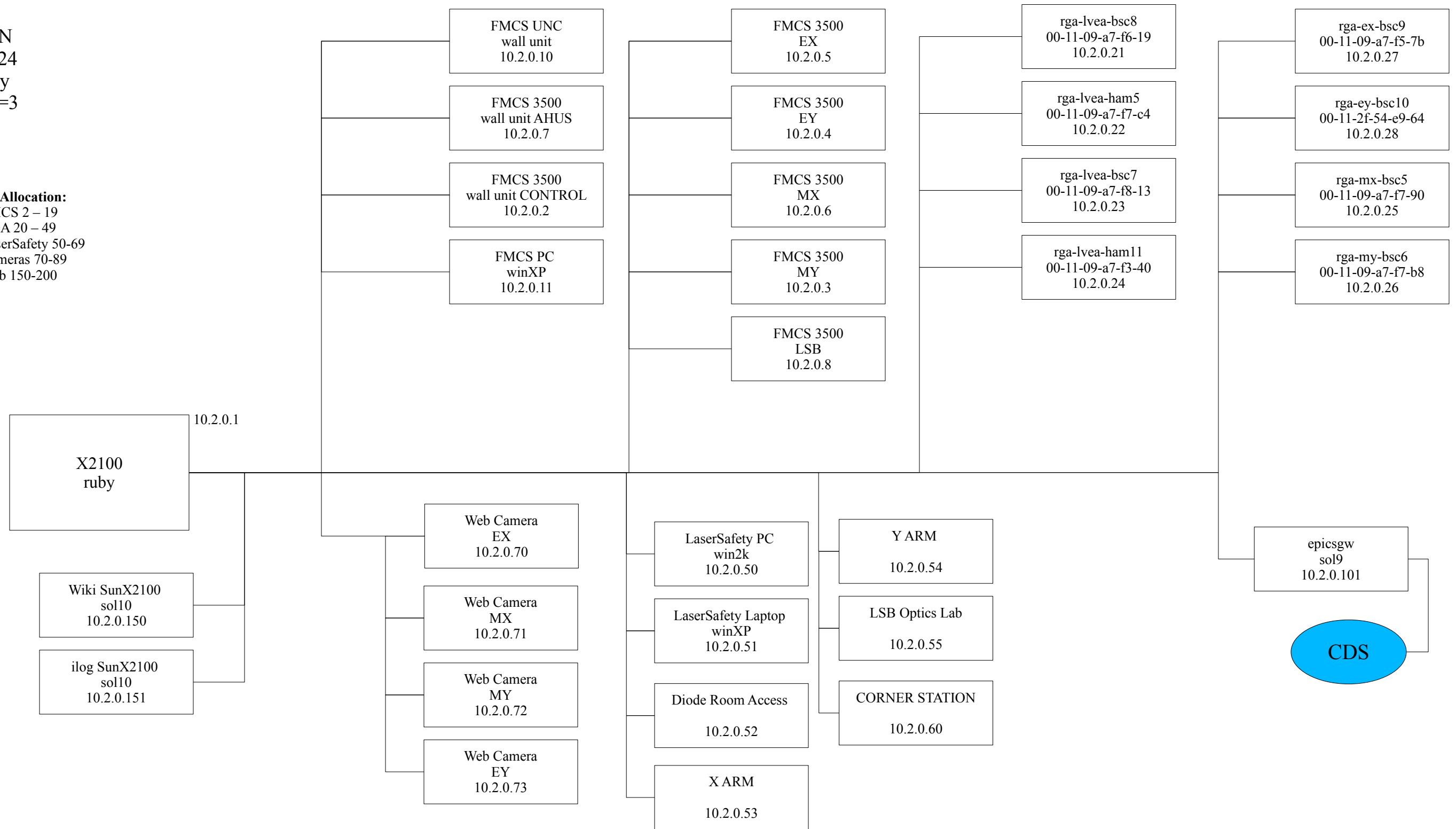


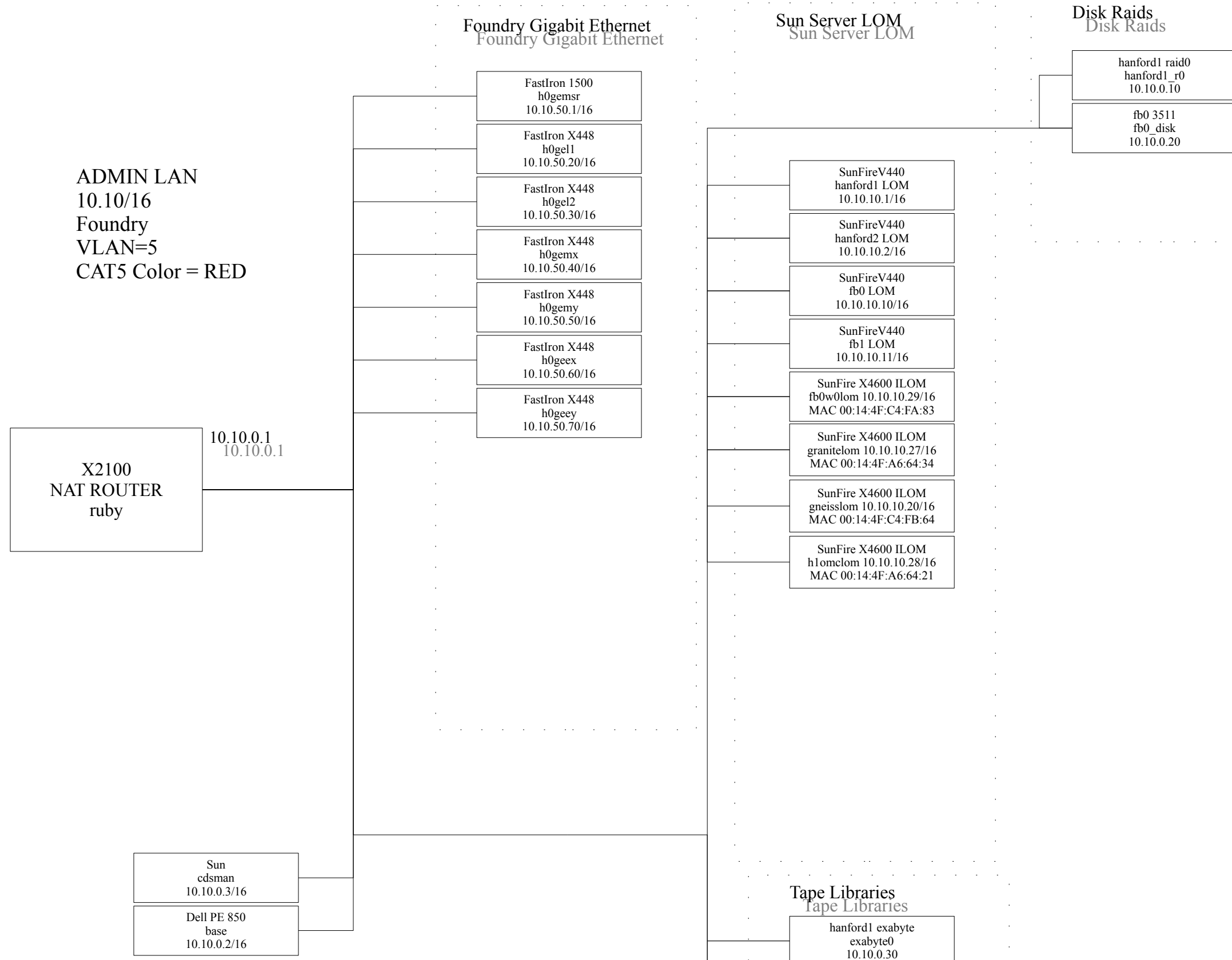
LHO CDS LANS AND GATEWAYS					
Author	David Barker	Sheet	1	of	8
Date	31 Dec 2008				
DCC	LIGO-D070125-v2				

PC LAN
10.2.0/24
Foundry
VLAN=3

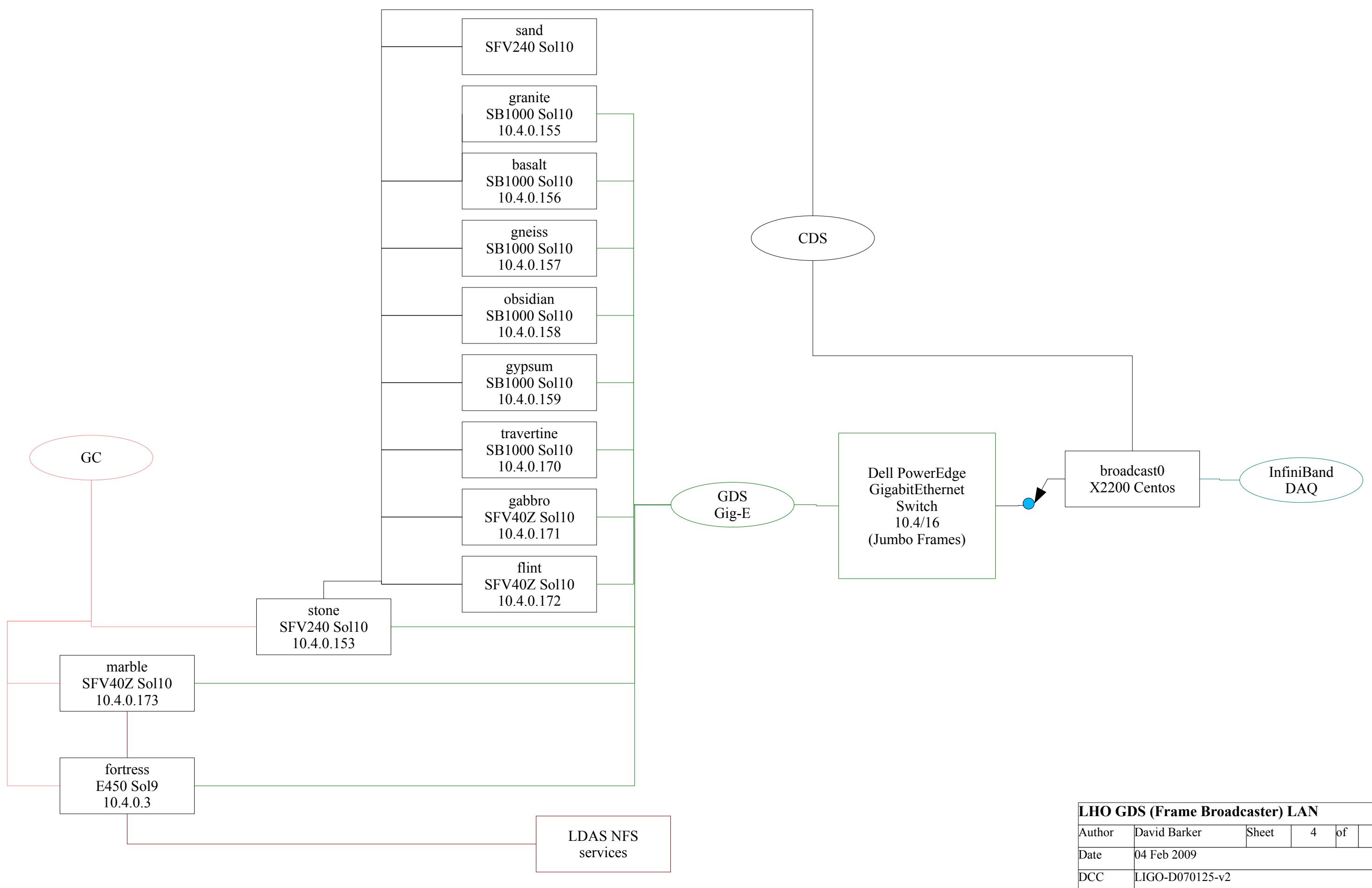
IP-Allocation:
FMCS 2 – 19
RGA 20 – 49
LaserSafety 50-69
Cameras 70-89
Web 150-200



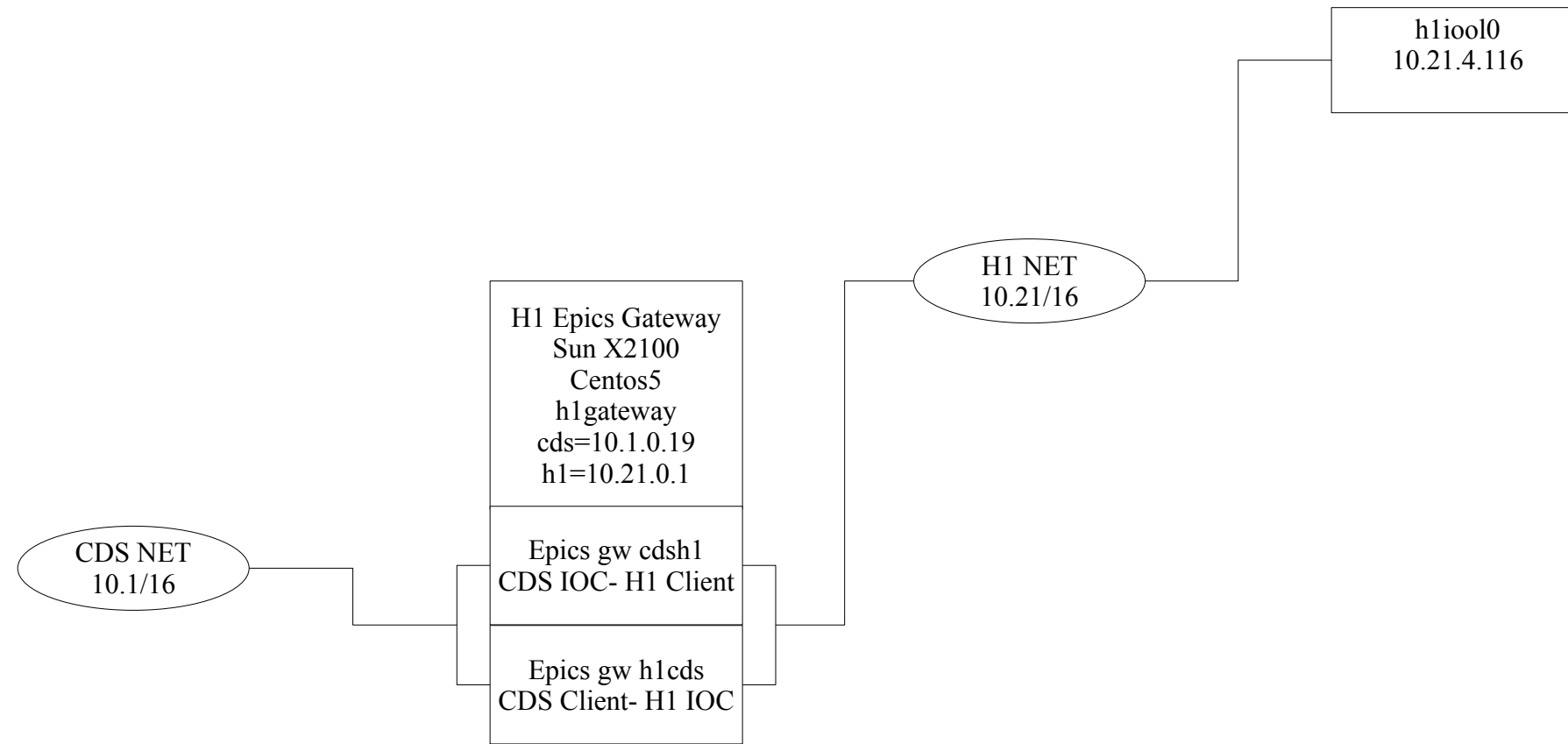
LHO CDS PC LAN (PC LAN)					
Author	David Barker	Sheet	2	of	8
Date	07 Jan 2010				
DCC	LIGO-D070125-v2				



LHO CDS Administration LAN					
Author	David Barker	Sheet	3	of	8
Date	11 July 2008				
DCC	LIGO-D070125-v2				



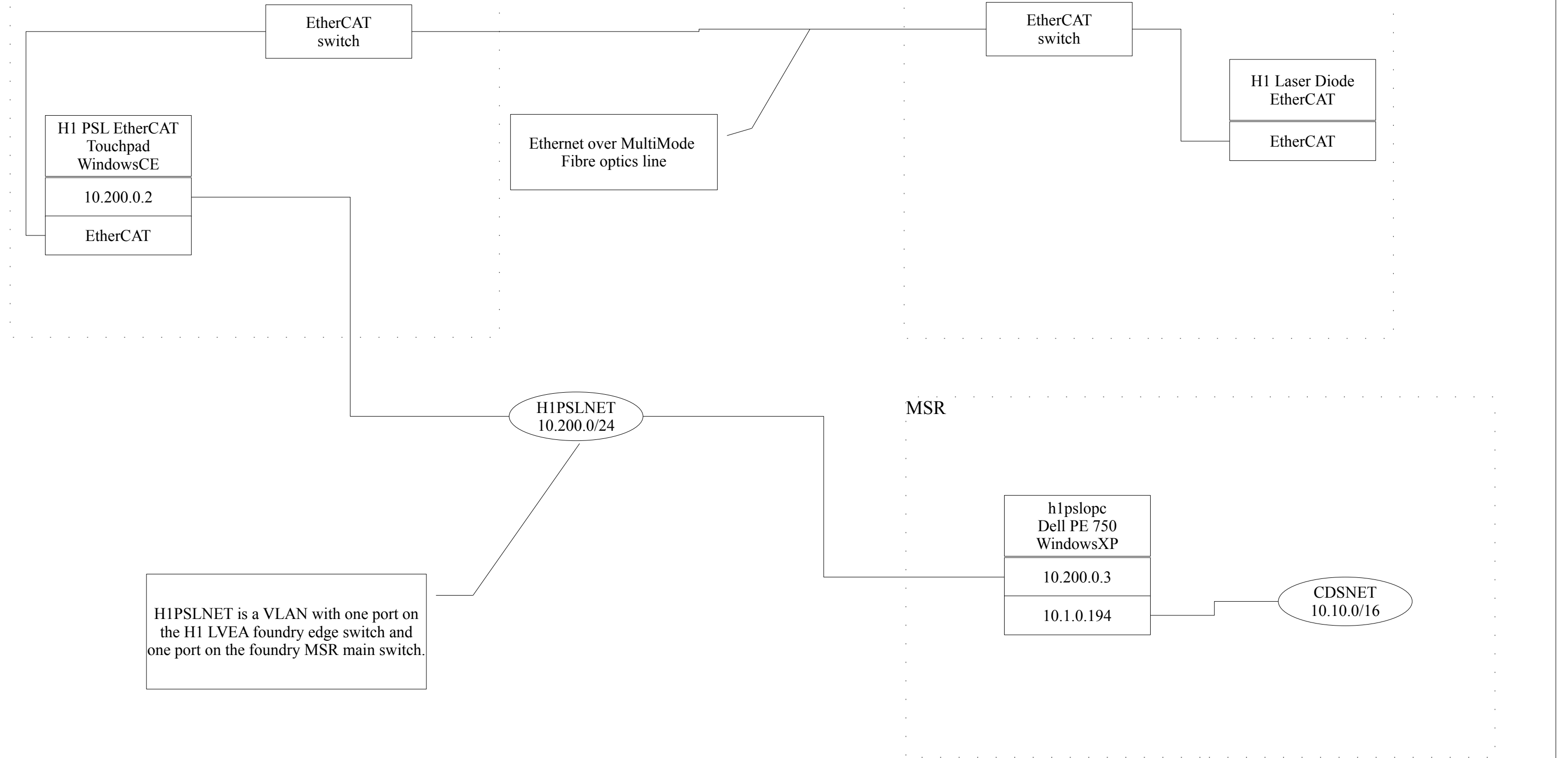
LHO GDS (Frame Broadcaster) LAN					
Author	David Barker	Sheet	4	of	8
Date	04 Feb 2009				
DCC	LIGO-D070125-v2				



LHO H1 NET					
Author	David Barker	Sheet	5	of	8
Date	31 Dec 2008				
DCC	LIGO-D070125-v2				

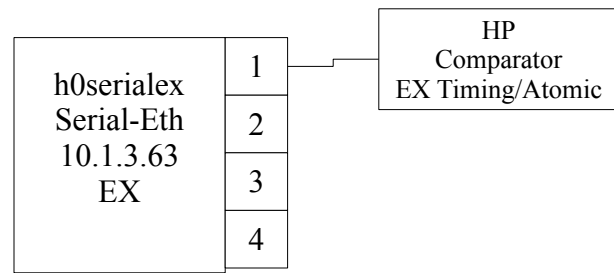
LVEA H1 PSL

LASER DIODE ROOM

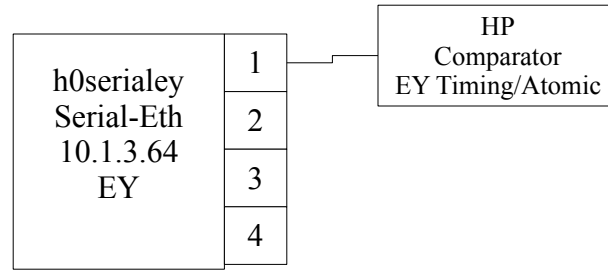


H1 PSL NET					
Author	David Barker	Sheet	6	of	8
Date	19 Oct 2007				
DCC	LIGO-D070125-v2				

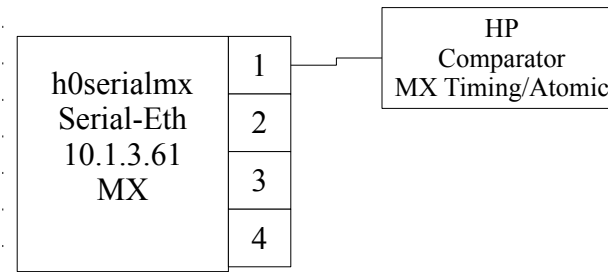
EX



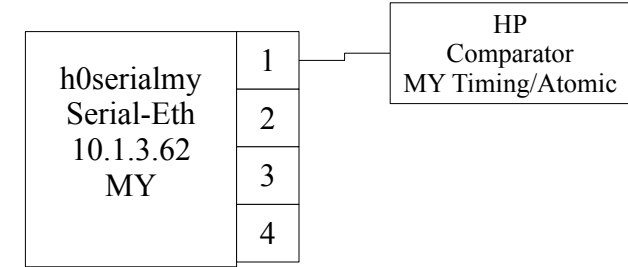
EY



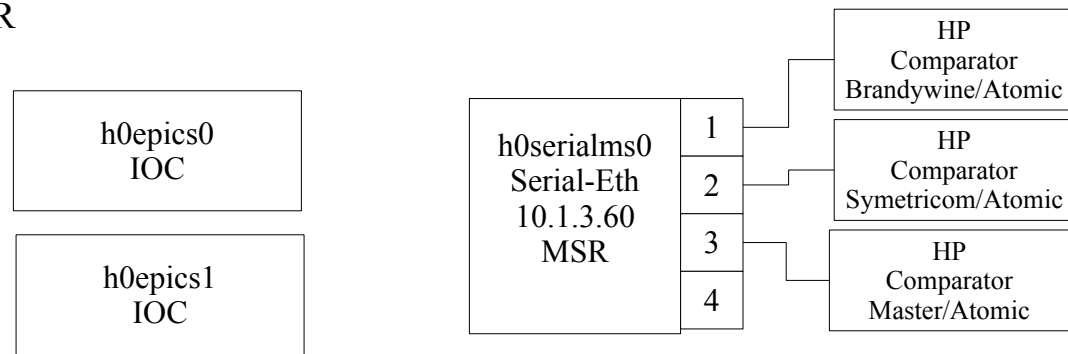
MX



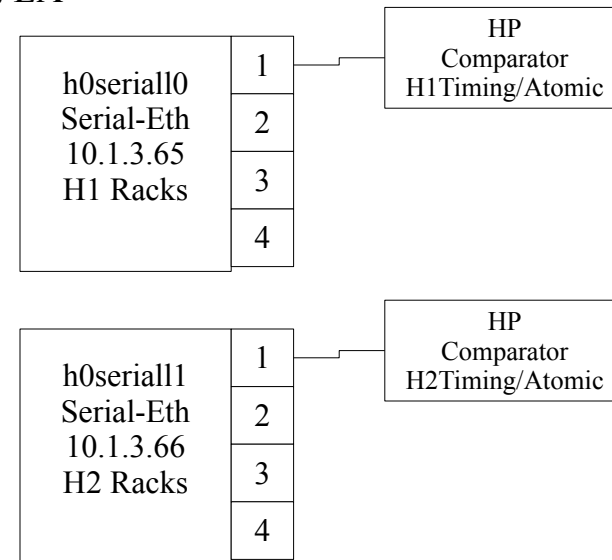
MY



MSR



LVEA

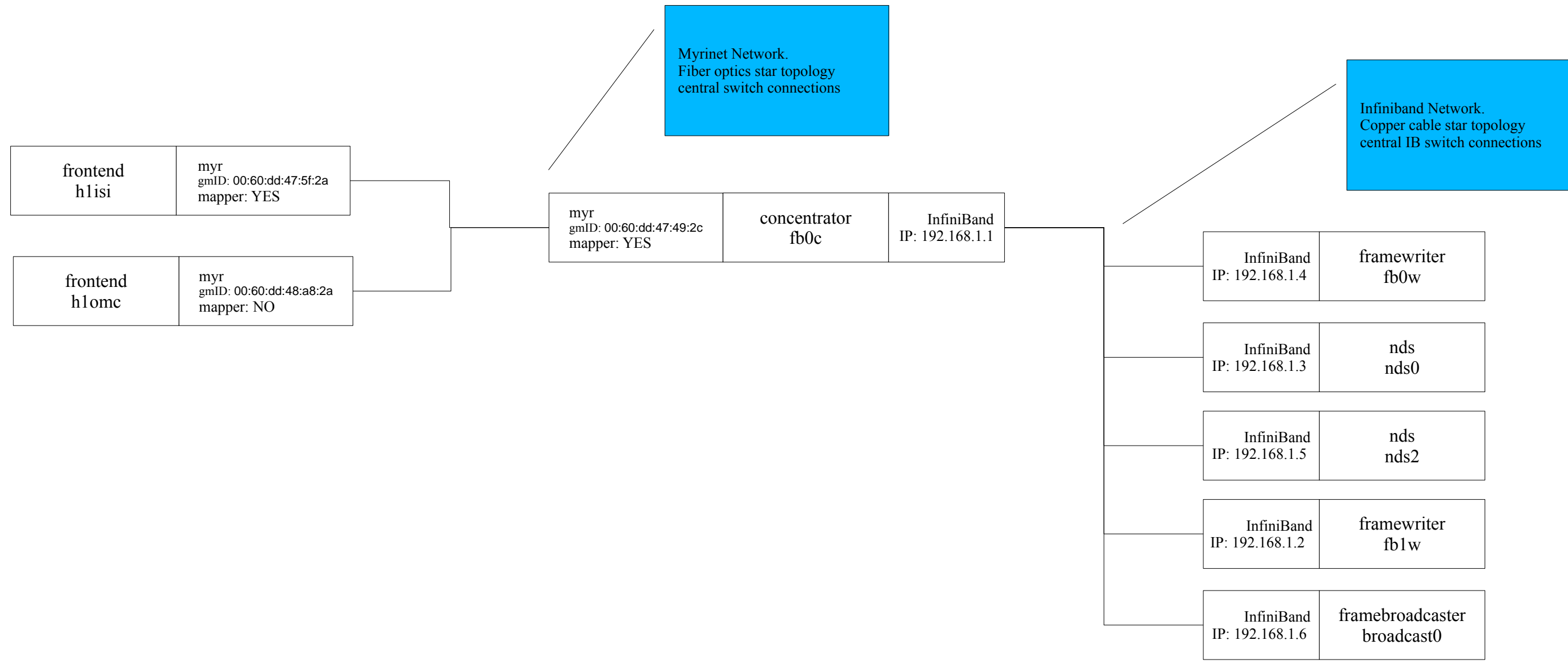


Serial over Ethernet

Notes

All ethernet communications between IOCs and the serial-ethernet converters are sent over the CDS LAN. Generally, all IFO critical serial applications run on the h0epics1 IOC, and non critical (monitoring tasks) are run on the h0epics0 IOC.

Author	David Barker	Sheet	7	of	8
Date	04 Mar 2009				
DCC	LIGO-D070125-v2				



hanford1 SunFireV440 Solaris 9	travertine SunBlade1000 Solaris 10	h1daqtrl VME VMIC7697 vxworks
hanford2 SunFireV440 Solaris 10	gabbro Sun V40Z Solaris 10	h1dcuepics HPC RH8
fb1 SunFireV440 Solaris 9	flint Sun V40Z Solaris 10	h1susepics HPC RH8
hanford3 SunFireV125 Solaris 10	redhat1 Dell PE750 RH8	h1isepics HPC RH8
ldasgw X4600 solaris10	projector0 SF V125 Solaris 10	h2dcuepics HPC RH8
fb0c SWT centos5	projector1 SF V125 Solaris 10	h2susepics Dell PE750 FC2
fb0w penguin altus centos5	projector2 SF V125 Solaris 10	h2isepics HPC RH8
nds0 SWT centos5	projector3 SF V125 Solaris 10	h0conswitch VME 162 vxworks
nds1 penguin altus centos5	projector4 SF V125 Solaris 10	h0pemms VME 162 vxworks
portal SunX2100 Solaris 10	h1omc Sun X4600 centos rti	h0tidal VME baja vxworks
apache SF X2100 Solaris 10	ruby SunX2200 centos	h0lhosuper VME baja vxworks
wiki SunX2100 Solaris 10	base Dell PE850 FC4	h0ifomon VME baja vxworks
swiki SunX2100 Solaris 10	ilog SunX2100 Solaris 10	h0statevector VME 162 vxworks
sand SFV240 Solaris 10	h0cdsmr SunUltra60 Solaris 9	h0timingmsr VME 162 vxworks
stone SFV240 Solaris 10	h0vacman SunUltra60 Solaris 9	h1bcs Dell PE750 Windows 2k
granite X4600 Solaris 10	h1epicsfm Dell PE750 RH?	h2bcs Dell PE750 Windows 2k
gneiss X4600 Solaris 10	h2epicsfm Dell PE750 RH ?	h1pslope Dell PER200 Windows XP

cdslaptop1 ibm notebook centos
yakima Penguin Altus centos
marble SF V40Z Solaris 10
fortress SF V440 Solaris 10
king SF V120 Solaris 10

cdspe1 Dell GX240 windows 2k
control0 SunBlade 1000 Solaris 9
control1 SunBlade 2000 Solaris 9
control2 SunBlade 1000 Solaris 9
control3 SunBlade 2000 Solaris 9
control4 penguin centos
control5 Sun SB1k Solaris 9
control6 penguin centos
control7 penguin centos
control8 penguin centos
control9 Sun SB1500 Solaris 9
control11 SunBlade 1000 Solaris 10
control14 penguin centos
linux4 Dell GX240 FC2
linux3 Dell Dm4700 FC5

h1sunl0 SunBlade 150 Solaris 9	h1adcufast VME 7751 vxworks	h2lsc10 VME 7851 rt linux	h2adcufast VME 7751 vxworks
h1sunl1 SunBlade 150 Solaris 9	h0peml0 VME 162 vxworks	h2asc10 VME 7751 vxworks	h2lscauxl0 VME 162 vxworks
h1sunl2 SunBlade 150 Solaris 9	h0velx VME 162 vxworks	h2dsc10 VME 7751 vxworks	h2ascauxl0 VME 162 vxworks
h2sunl0 SunBlade 150 Solaris 9	h0vely VME 162 vxworks	h2dsc11 VME 7805 rt linux	h2susauxl0 VME 162 vxworks
h2sunl1 SunBlade 150 Solaris 9	h0cosmic VME baja vxworks	h2dsc12 VME 7805 rt linux	h2gpsl0 VME 162 vxworks
h2sunl2 SunBlade 150 Solaris 9	h1lscauxl0 VME 162 vxworks	h2dsc13 VME 7805 rt linux	h2iool0 VME 162 vxworks
h0vsnlx SubBlade 150 Solaris 9	h1ascauxl0 VME 162 vxworks	h2dsc14 VME 7751 vxworks	h2iool1 VME 162 vxworks
h0vsnly SubBlade 150 Solaris 9	h1susauxl0 VME 162 vxworks	h2awg0 VME 7751 vxworks	h2iool2 VME 162 vxworks
h1lsc10 VME 7851 rt linux	h1gpsl0 VME 162 vxworks	h2adcupem VME 7697 vxworks	h2psl VME baja vxworks
h1asc10 VME 7751 vxworks	h1iool0 VME 162 vxworks	h2adcus VME 7697 vxworks	
h1dsc10 VME 7751 vxworks	h1iool1 VME 162 vxworks		
h1dsc11 VME 7805 rt linux	h1lscreflpwr VME baba vxworks		
h1dsc12 VME 7805 rt linux	h1psl VME baja vxworks		
h1dsc13 VME 7751 vxworks	h1tcsppwr VME 162 vxworks		
h1lawg0 VME 7751 vxworks	h1tcsypwr VME 162 vxworks		
h1adcupem VME 7697 vxworks	h1isi SWT centos rti		
h1adcus VME 7697 vxworks			

h1sunex SunBlade 150 Solaris 9	h1iscauxex VME 162 vxworks
h0vsunex SunBlade 150 Solaris 9	h0pemex VME 162 vxworks
h1iscex VME 7851 rt linux	h0veex VME 162 vxworks
h1adcuex VME 7697 vxworks	h1gpsex VME 162 vxworks

h1suney SunBlade 150 Solaris 9	h1iscauxey VME 162 vxworks
h0vsuney SunBlade 150 Solaris 9	h0pemey VME 162 vxworks
h1iscey VME 7851 rt linux	h0veey VME 162 vxworks
h1adcuex VME 7697 vxworks	h1gpsey VME 162 vxworks

h2sunmx SunBlade 150 Solaris 9	h2iscauxmx VME 162 vxworks
h0vsnmx SunBlade 150 Solaris 9	h0pemmx VME 162 vxworks
h2iscmx VME 7851 rt linux	h0vemx VME 162 vxworks
h2adcumx VME 7697 vxworks	h2gpsmx VME 162 vxworks

h2sunmy SunBlade 150 Solaris 9	h2iscauxmy VME 162 vxworks
h0vsnmy SunBlade 150 Solaris 9	h0pemmy VME 162 vxworks
h2iscmy VME 7851 rt linux	h0vemy VME 162 vxworks
h2adcumy VME 7697 vxworks	h2gpsmy VME 162 vxworks

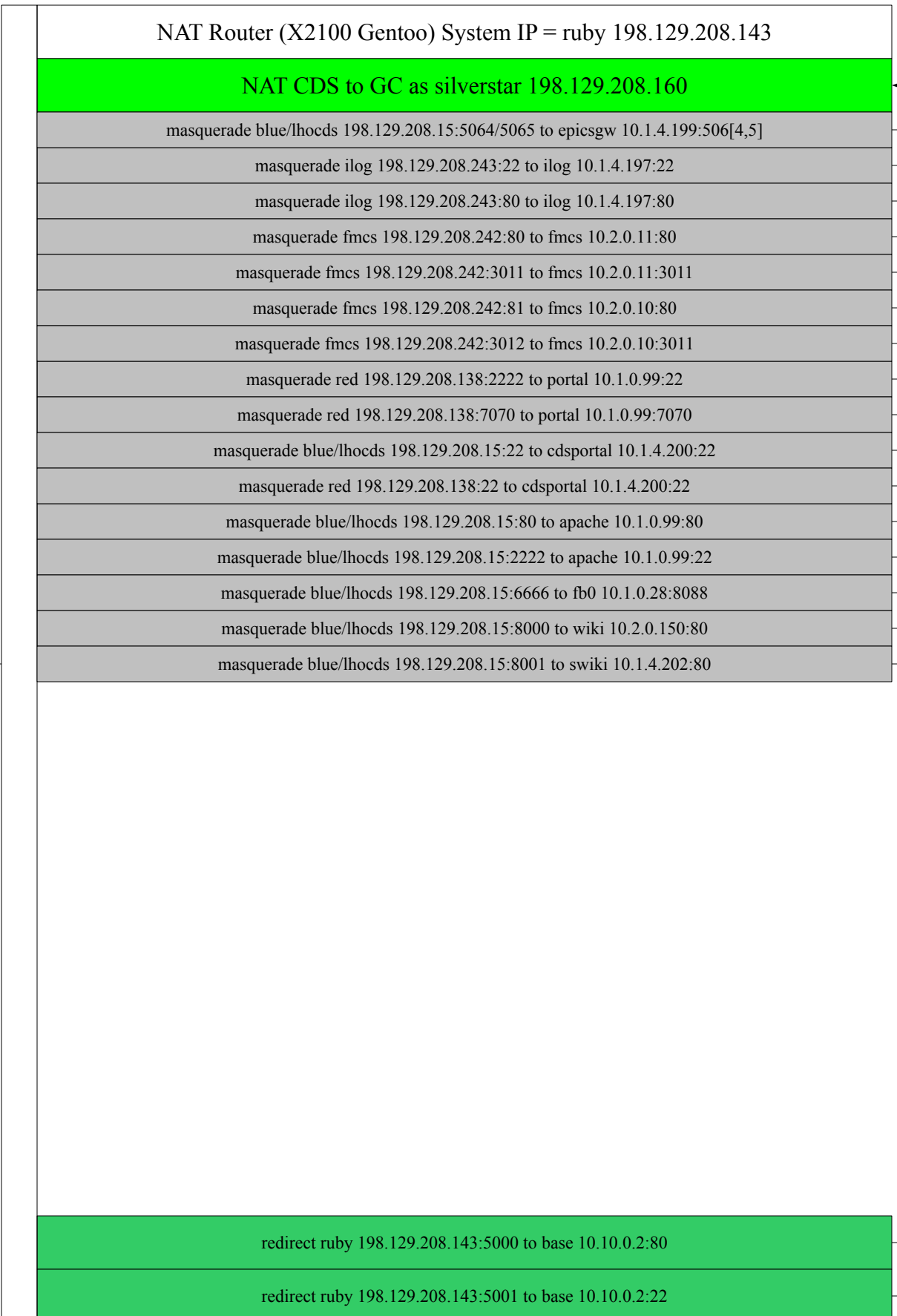
msr gc cr

lvea

mr

labs

LHO CDLAN					
Author	David Barker	Sheet	9	of	8
Date	26 Sep 2008				
DCC	LIGO-D070125-v2				



10.1/16
10.2.0/24 10.10/16

CDS, PC, ADMIN

epicsgw/epics0
10.2.0.101/10.1.0.144

CDS

ilog 10.1.4.197

fmcs 10.2.0.11

fmcs 10.2.0.10

portal 10.1.0.99

cdsportal 10.1.4.200

apache 10.1.0.18

fb0 10.1.0.28

wiki 10.2.0.150

swiki 10.1.4.1202

base 10.10.0.2

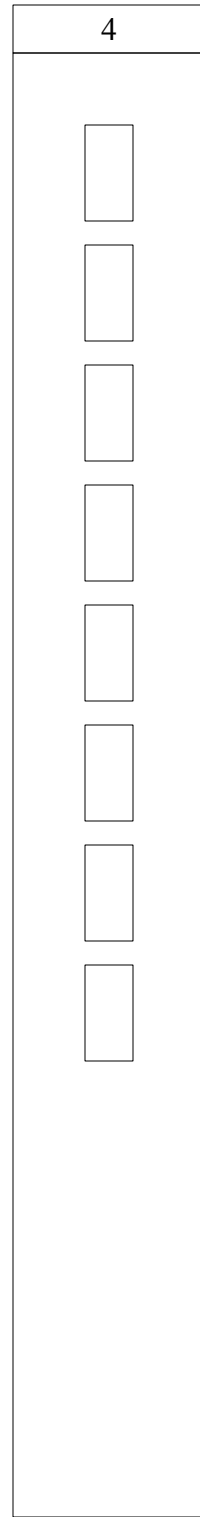
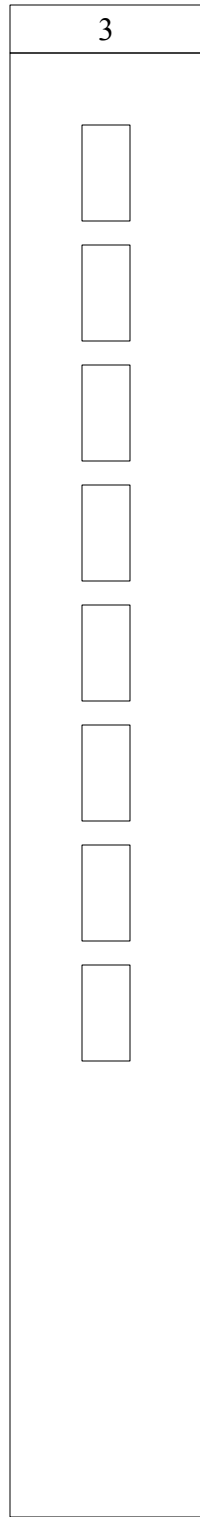
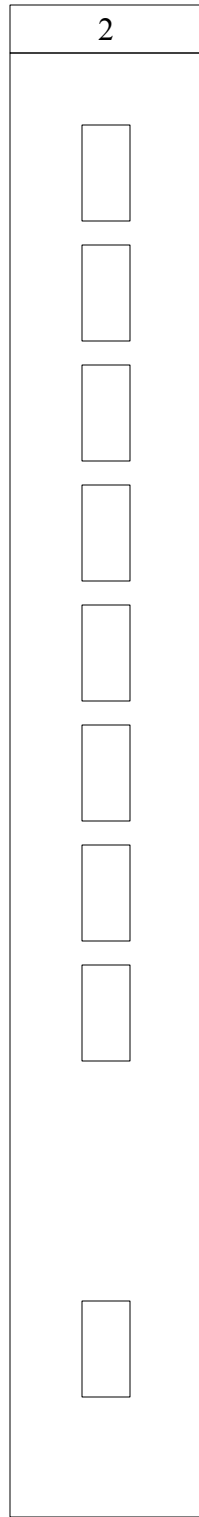
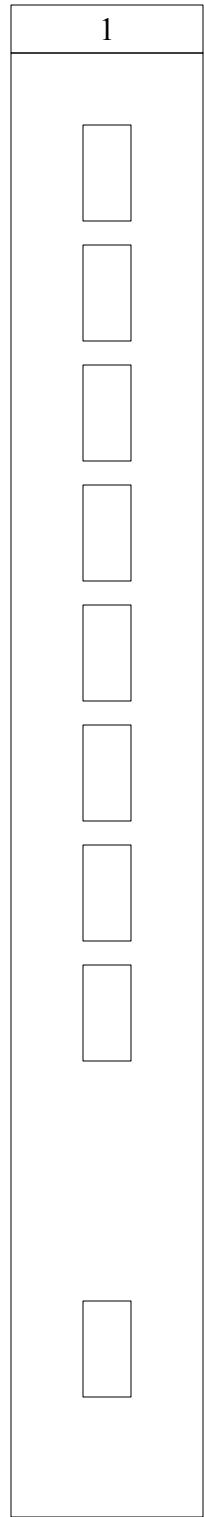
GC

LHO NAT Router					
Author	David Barker	Sheet	10	of	8
Date	23 April 2007				
DCC	LIGO-D070125-v2				

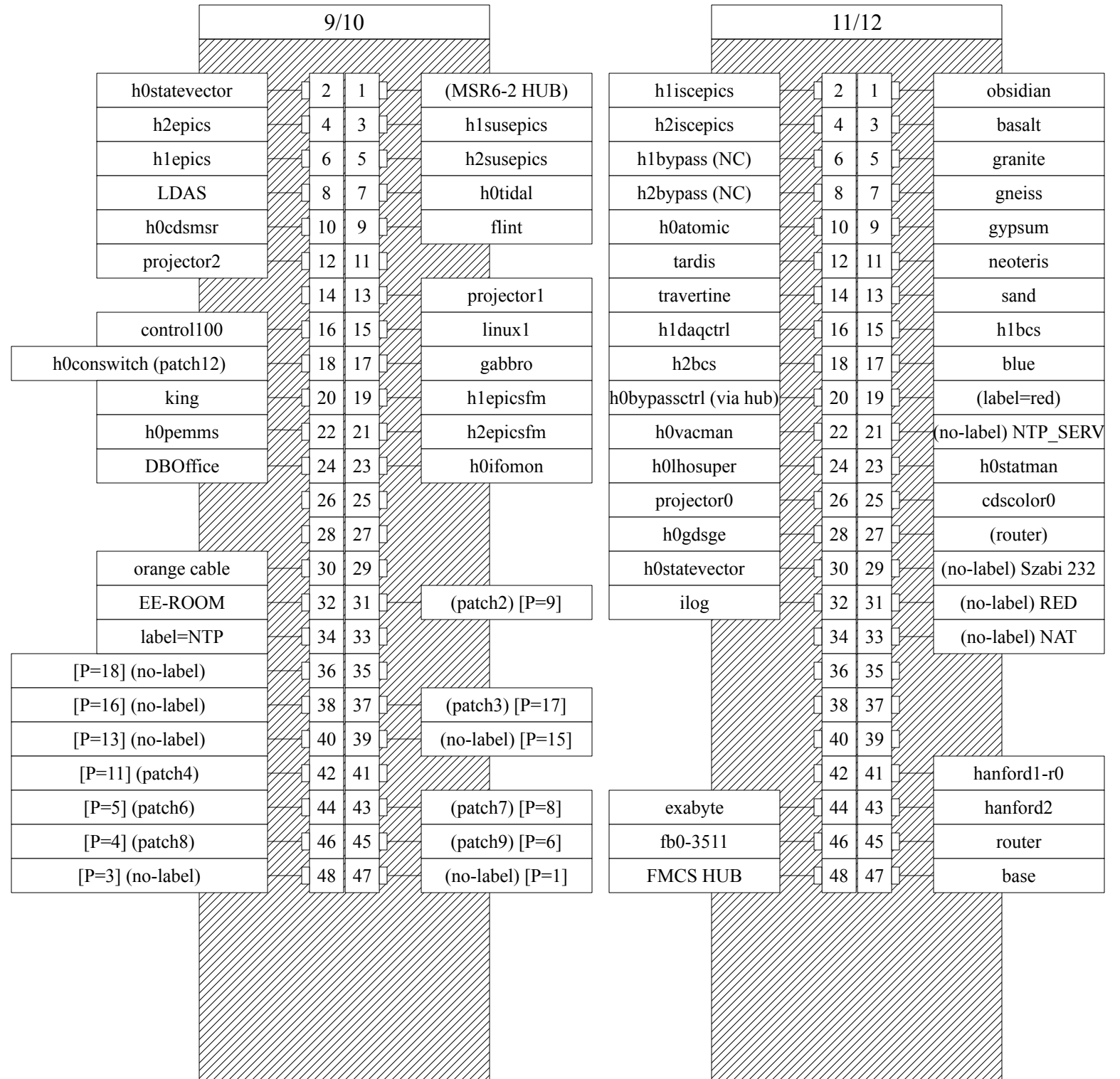
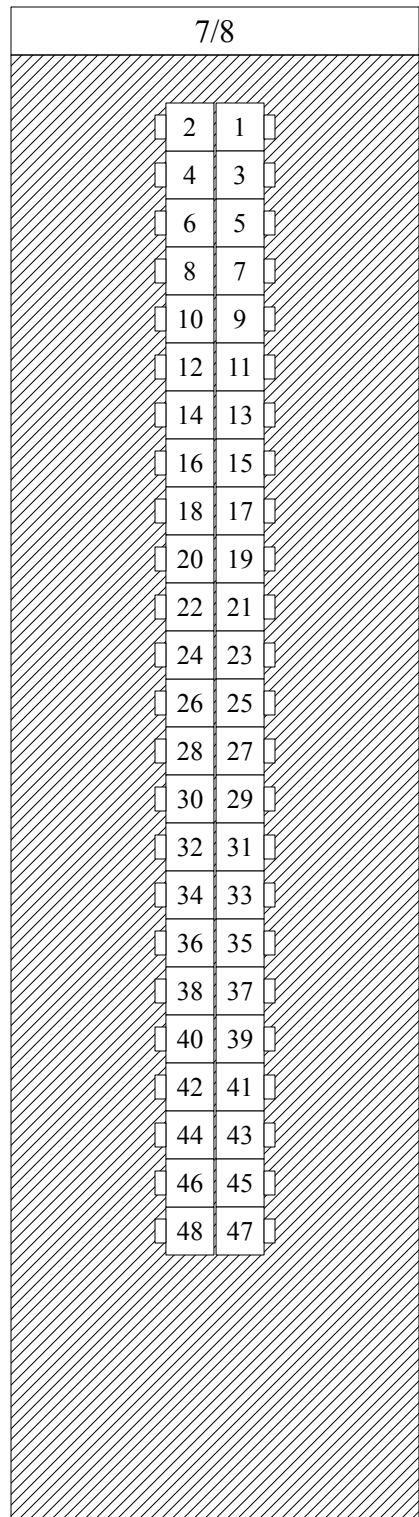
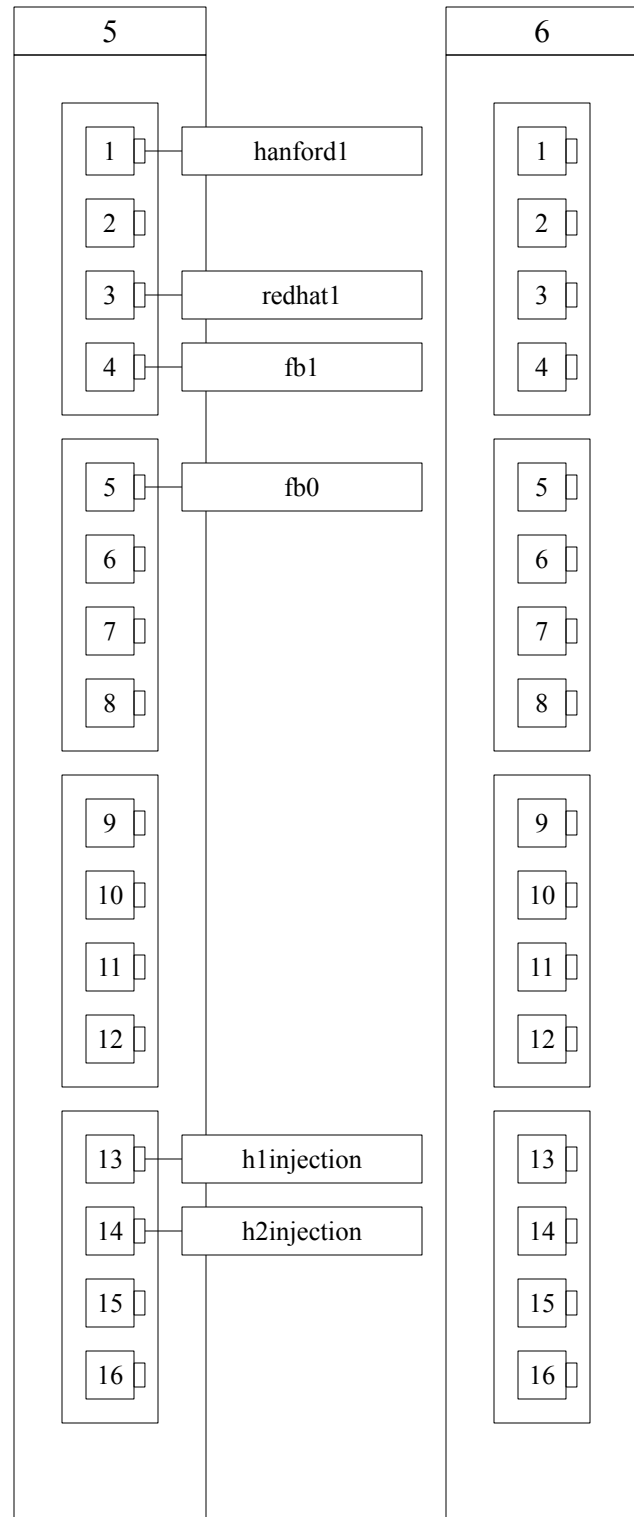
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J-FXGMR4 8xGBIC 1xMgtport	J-FXGMR4 8xGBIC 1XMgtport	J-FXG 8xGBIC	J-FXG 8xGBIC	J-F16GC 16x100/1000	J-F16GC 16x100/1000		J-F48E 48x10/100		J-F48E 48x10/100		J-F48E 48x10/100

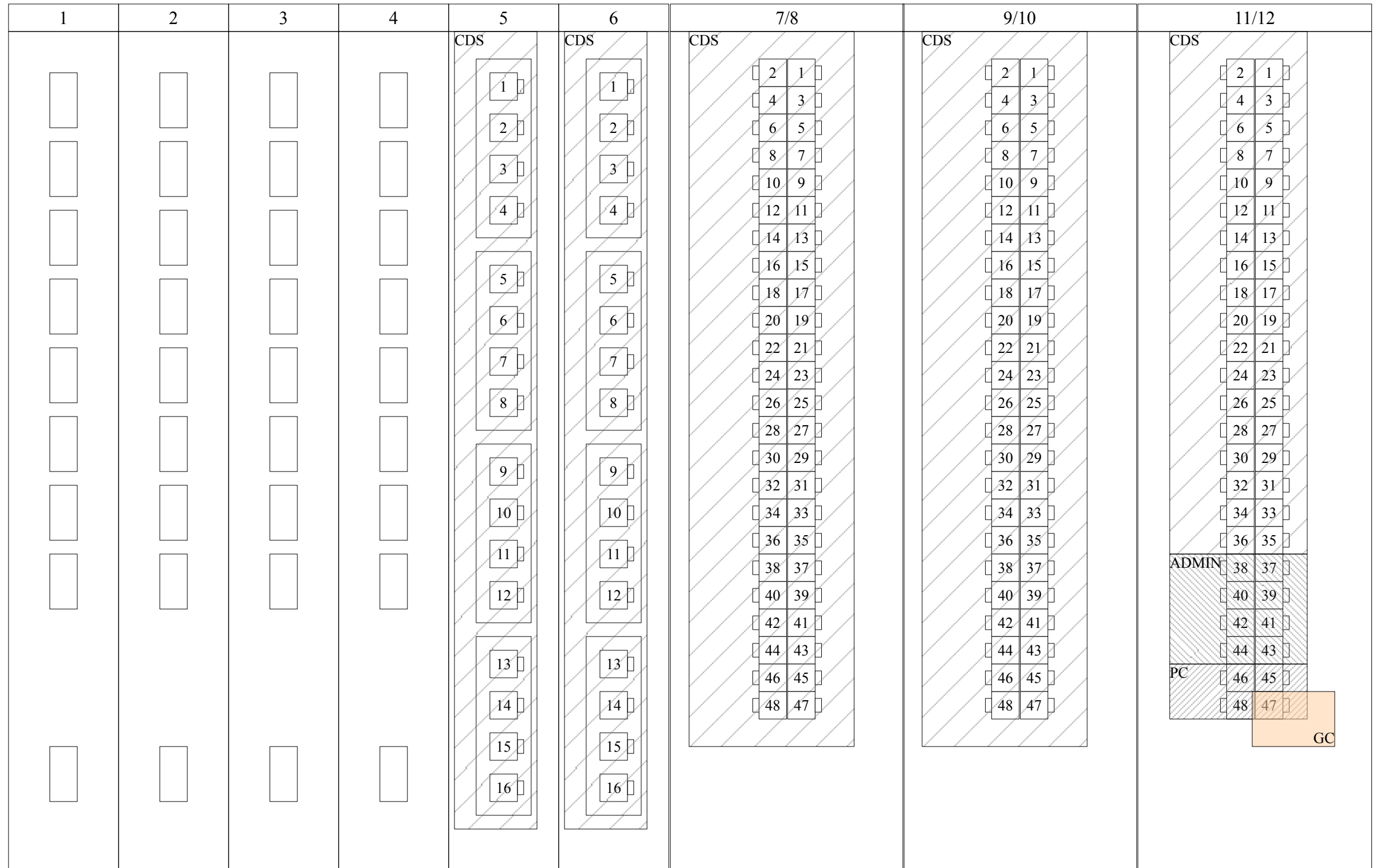
Foundry Network Switch, MSR FastIron 1500

Author	David Barker	Sheet	11	of	8
Date	23 April 2007				
DCC	LIGO-D070125-v2				



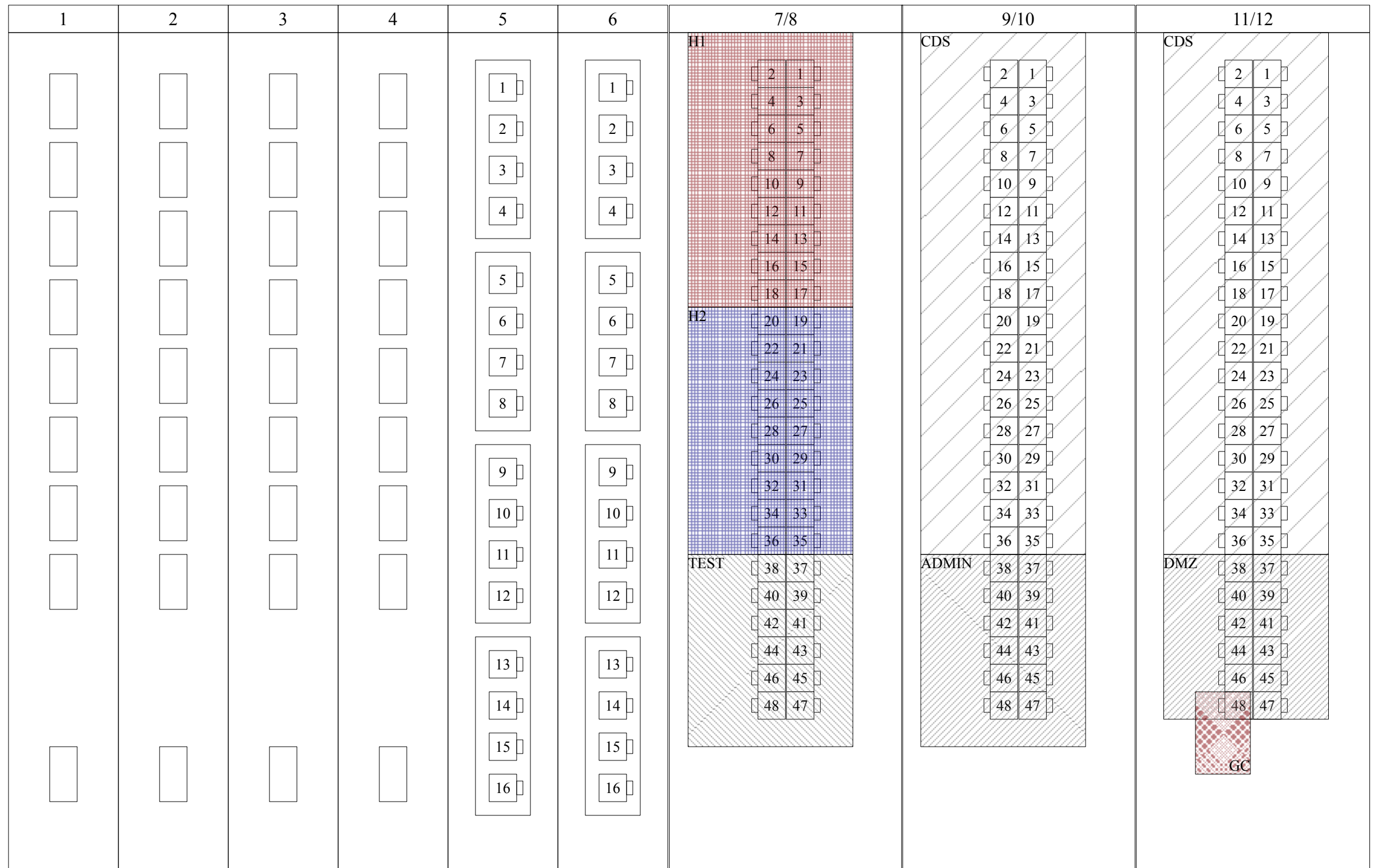
MSR FastIron 1500 FibreOptics Ports					
Author	David Barker	Sheet	12	of	8
Date	23 April 2007				
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VLAN DISTRIBUTION POST S5
OCT 22 2007

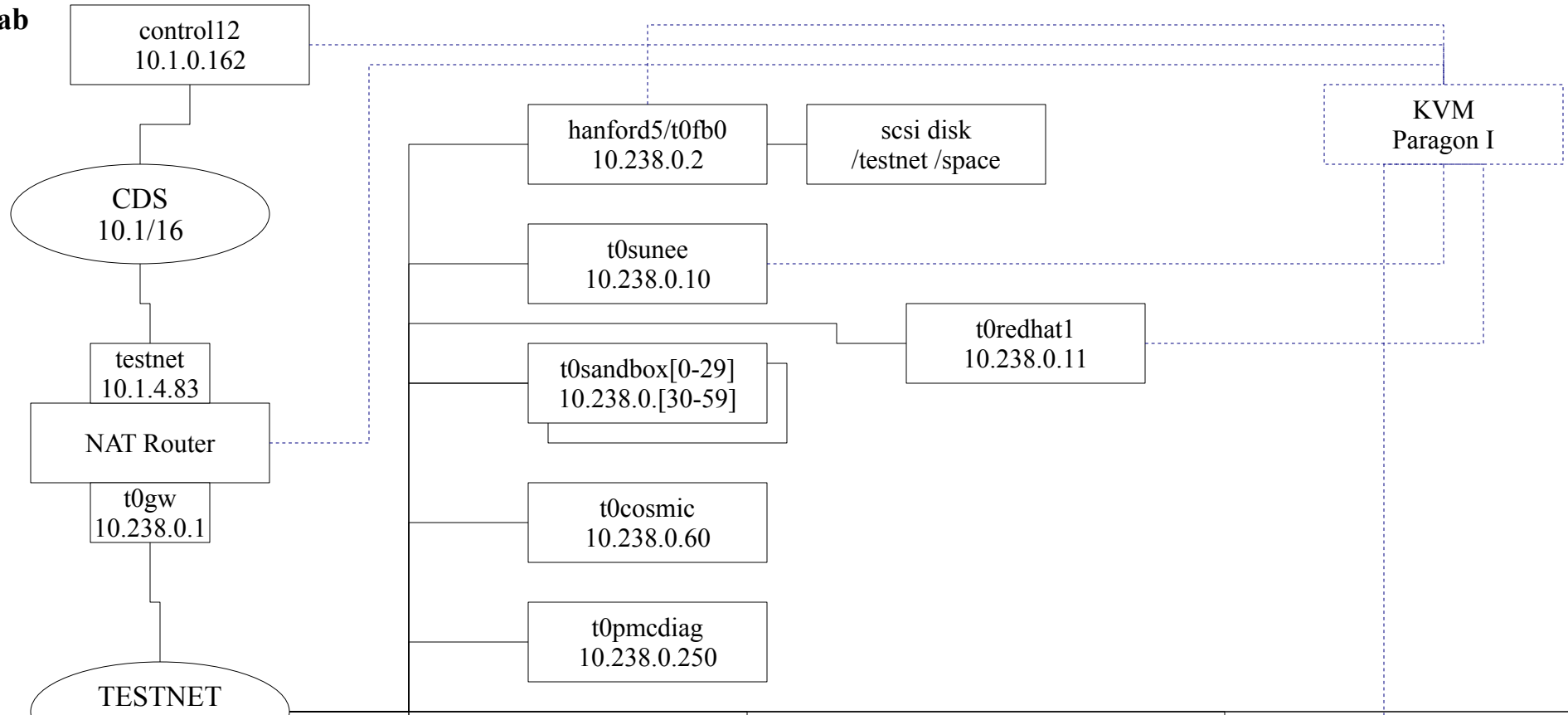
MSR FastIron 1500 VLAN DISTRIBUTION S5					
Author	David Barker	Sheet	14	of	8
Date	22 Oct 2007				
DCC	LIGO-D070125-v2				



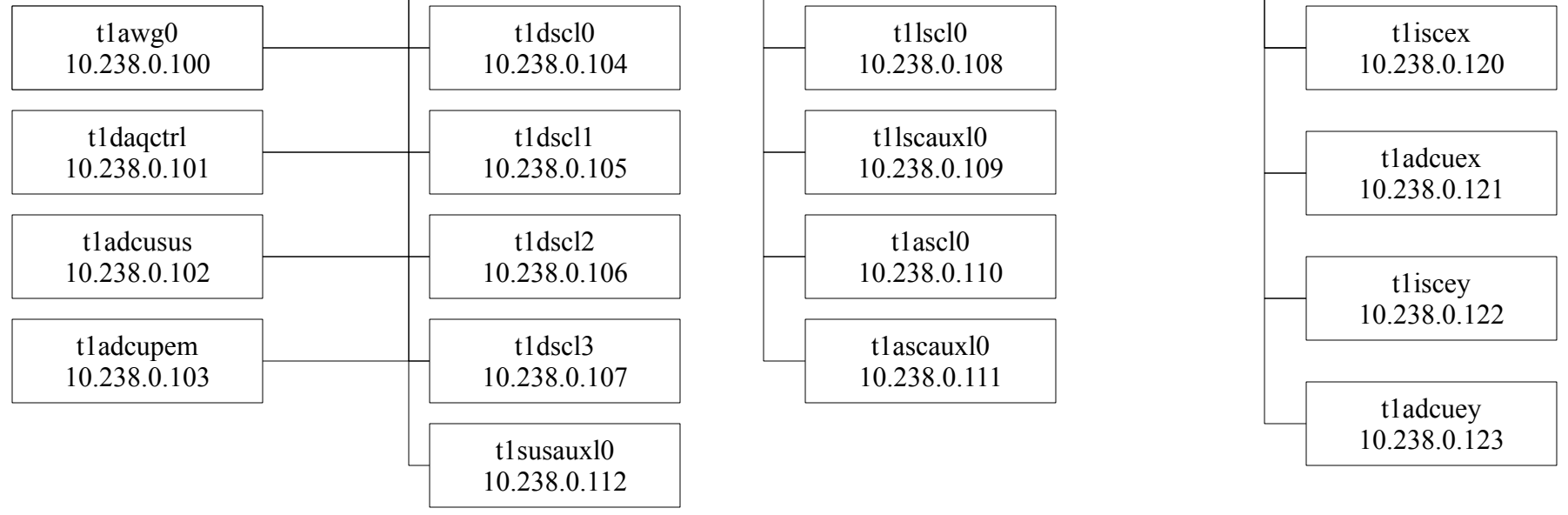
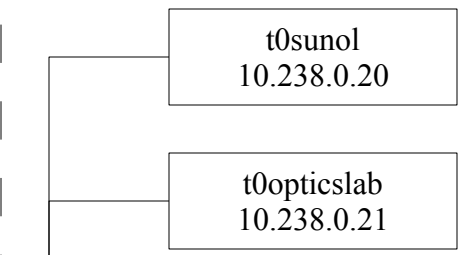
MSR FastIron 1500 VLAN DISTRIBUTION

Author	David Barker	Sheet	15	of	8
Date	22 Oct 2007				
DCC	LIGO-D070125-v2				

EE Lab



Optics Lab



OLD EELAB TEST-NET				
Author	David Barker	Sheet	16	
Date	23 october 2006			
Notes				