1X9

Slot	Module	Notes
1–7	EURO Card Crate 6U	
8	AI Chassis	
9	ADC Adapter	
10	DAC Adapter	
11	BIO IDC adapter	
12	Realtime Host c1iscex	
13	Acromag Host c1auxex	
14–18	c1iscey IO Chassis	
19–20		
21		
22		
23	Net-enabled Power Strip	1X9-23 Net-enabled power strip 192.168.113.114
24	Network Switch	
25–28		
29–32	Acromag Chassis c1exaux 4U	
33		
34	Sorensen DCS33-33E 5V	1X9-34 Sorensen DCS33-33E 5V 0.0A
35	Sorensen DCS33-33E 5V	1X9-35 Sorensen DCS33-33E 5V 0.0A
36	Sorensen DCS33-33E 15V	1X9-36 Sorensen DCS33-33E 15V 2.1A
37	Sorensen DCS33-33E 15V	1X9-37 Sorensen DCS33-33E 15V 2.0A
38	Sorensen DCS33-33E 20V	1X9-38 Sorensen DCS33-33E 20V 1.1A We should be able to use this for +/-18V power strip
39	Sorensen DCS33-33E 20V	1X9-39 Sorensen DCS33-33E 20V 0.3A We should be able to use this for +/-18V power strip
40	Sorensen DCS33-33E	1X9-40 Sorensen DCS33-33E Spare
41		

A.I.: Prepare +/-18V

Low Profile Rack

	SR560
U PDH box	DS345

Under the rack

KEPCO HV 100V

1X7

Slot	Module
1	Network Switch
2	Frequency Distribution Amp
3–18	
19	GPS Receiver Tempus LX
20	Rails
21	PEM AA? 2U
22	ADC adapter?
23	
24–26	STS-2 I/F
27–32	
33–35	Optimus
36	STS-2 I/F
37	Electro Optical Link Fanout
38	nodus
39–41	

1X6

Slot	Module	Notes
1	VMIC RFM	1X6- 1-2 VMIC RFM 192.168.113.90
2–7		
8	Network Switch	
9–10	Timing Sequencer	
11–13	Timing Sequencer Related	
14–23	VME GPS / Timing	
24–25	FB1	1X6-24-25 FB1 192.168.113.201
26–29	Megatron 4U	
30–33		
34–35	old FB 4U	
36–37	JetStor 3U	1X6-35-38 Jetstor 192.168.113.119 3U
38–41		

A.I.: remove old modules

A.I.: take care JetStor remove old FB

1X5-36-37 Sorensen DCS33-33E 5V 0A
1X5-37-38 Sorensen DCS33-33E 5V 0A
1X5-38-39 Sorensen DCS33-33E 15V 6.6A
1X5-39-40 Sorensen DCS33-33E 15V 6.6A
1X5-40-41 Sorensen DCS33-33E 20V 5.0A
1X5-41-42 Sorensen DCS33-33E 20V 2.7A

1X5

Slot	Module
1–10	EURO Card Crate 6U PD/IF
11–13	
14	Legacy AA
15	Legacy AA
16–17	
18	ADC Adapter
19	DAC Adapter
20	DAC Adapter
21	DAC Adapter
22	BIO Adapter (BO0)
23	BIO Adapter (BO1)
24–25	
26	T240 I/F D1002694
27–35	
36	Sorensen DCS33-33E 5V
37	Sorensen DCS33-33E 5V
38	Sorensen DCS33-33E 15V
39	Sorensen DCS33-33E 15V
40	Sorensen DCS33-33E 20V
41	Sorensen DCS33-33E 20V

1X4

Slot	Module
1–6	EURO Card Crate 6U SOS drivers Oplev
7–11	EURO Card Crate 6U SOS drivers
12–13	
14	
15	Realtime Host c1lsc
16–17	Realtime Host c1sus
18–19	
20–23	c1sus IO Chassis 4U
24	Dolphin Switch
25–31	Acromag Chassis c1susaux 6U
32	c1susaux 192.168.113.37
33–39	
40	BIO Adapter (BO2)
41	BIO Adapter (BO3)

1X3

Slot	Module
1–11	
12–16	Chiara / UPS
17–41	

A.I.: move chiara to 1X7
move unused items to a storage

remove the left sidepanel

move the rack close to 1X4

1X2

Slot	Module	Notes
1	Network Switch	
2	Acromag c1psl	1X2- 2-3 Acromag c1psl 192.168.113.54
3–4	D092796 4ch demod	
5–6		
7	Freq Generation Unit T1000461	
8–9	MC RF Amp 2U (ELOG12861)	
10–11	LSC Freq Distribution	
12	8ch ISC Whitening	1X2-12 8ch ISC Whitening D1002559 (no BIO connected)
13–14		
15	AA D990147-B	
16–18		
19–25	EURO Card Crate 6U WFS IF/WFS Wht MC Demod/Servo	1X2-17-22 Euro Card Crate (WFS IF D980253/WFS WHtening D990196/ Blank/WFS IF/WFS WH/
26–29		
30–31	Realtime Host c1ioo 4U	
32	AI D1101521	
33	BIO Adapter	1X2-33 D080302 CH1-8/CH9-16/CH17-24/Blank
34	ADC Adapter	
35	aLIGO WFS I/F D11019061U	1X2-34-35 aLIGO WFS I/F D11019061U
36–41		

A.I.: cleanup BHD temp setup

1X1

Slot	Module	Notes
1	Guralp I/F D060506	
2	Sorensen DCS33-33E 5V	1X1- 1 Sorensen DCS33-33E 5V 1.6A
3	Sorensen DCS33-33E 24V	1X1- 2 Sorensen DCS33-33E 24V 7.4A
4	Sorensen DCS33-33E 24V	1X1- 3 Sorensen DCS33-33E 24V 2.7A 1X1- 4 Sorensen DCS33-33E 15V 3.0A
5	Sorensen DCS33-33E 15V	1X1- 5 Sorensen DCS33-33E 15V 2.3A 1X1- 6 Sorensen DCS33-33E 10V 0.3A
6	Sorensen DCS33-33E 15V	1X1- 7 Sorensen DCS33-33E 5V 2.2A
7	Sorensen DCS33-33E 10V	
8	Sorensen DCS33-33E 5V	
9–10	KEPCO HV PCX 200-0.1MAT x4	
11–12		
13–14	Ref Cav Heater Power Supply	
15–16	FSS Ref	
17–18		
19–22	c1ioo IO Chassis	1X1-19-23 C1IOO IO Chassis (upstream/ADC0/ADC1/DAC0/BO0 BO1-unterminal)
23–29	EURO Card Crate 6U TTFSS PMC Ref PMC Servo	1X1-24-29 Euro Card Crate (TTFSS 3W/PMC REF 3W/Blank 3W/ PMC SERVO 2W/ BLANK)
30	Blank / Strain Relief	
31–33		
34–39	Acromag Chassis c1psl 6U	
40	Blank / Strain Relief	
41		

A.I.: remove FSS setup

1Y4

Slot	Module	Notes
1		
2–7	EURO Card Crate 6U	1Y4- 2-7 Euro Card Crate (PZT driver missing right now)
8	Blank / Strain Relief	
9	AI Chassis	1Y4- 9 ai (J9A J10 J11 J14 pzt out / temp J15 refl mon --> ADC CH1-16
10		
11	Network Switch	
12		
13	DAC Adapter	1Y4-13 DAC adapter (ch 9-16 blank / ch 1-8 coil drv / scsi)
14	ADC Adapter	1Y4-14 ADC to DB44/37 Adapter (AI Chassis / QPD / pentek for OL) to be removed and rearranged
15		
16	Realtime Host c1iscey	
17		
18–21	c1iscey IO Chassis	1Y4-17-21 IO Chassis uplink/adc/dac/bo/blank/rfm
22	Blank / Cable Space	
23	BIO IDC adapter	1Y4-23 BIO IDC adapter (box: IDC40M IDC40M DB37M) no front panel. To be replaced
24	Blank / Cable Space	
25–32	VME Crate c1auxex 8U	1Y4-25-32 VME C1AUXEX (to be replaced with Acromag Crate and host)
33	Blank / Cable Space	
34	Net-enabled Power Strip	1Y4-34 Net-enabled power strip 192.168.113.114
35	Sorensen DCS33-33E 5V	1Y4-35 Sorensen DCS33-33E 5V 0.8A
36	Sorensen DCS33-33E 5V	1Y4-36 Sorensen DCS33-33E 5V 0.8A
37	Sorensen DCS33-33E 15V	1Y4-37 Sorensen DCS33-33E 15V 1.6A
38	Sorensen DCS33-33E 15V	1Y4-38 Sorensen DCS33-33E 15V 1.5A
39	Sorensen DCS33-33E 20V	1Y4-39 Sorensen DCS33-33E 20V 0.3A We should be able to use this for +/-18V power strip
40	Sorensen DCS33-33E 20V	1Y4-40 Sorensen DCS33-33E 20V 0.3A We should be able to use this for +/-18V power strip
41		

A.I.: Replace VME with Acromag
Acromag +24V
Prepare +/-18V

Missing

KEPCO HV

Low Profile Rackf

	SR560
U PDH box	DS345

1Y3

Slot	Module
1–4	
5	Realtime Host c1iscaux
6–12	Acromag Chassis c1iscaux 6U
13	Rails?
14–18	
19–23	c1lsc IO Chassis
24–41	

1Y3-19-23
c1lsc IO Chassis
(uplink/ADC/DAC/ADC/BO/BO/DIO1616 for internal use?)

A.I.: remove IPPOS

A.I.: remove the bench supply 15V

1Y4-39 Sorensen DCS33-33E 15V 0.0A
1Y4-40 Sorensen DCS33-33E 24V 1.4A

And bench supply 15V

1Y2

Slot	Module	Notes
1	RF Helicoil/SMA feedthru 1	
2–6	EURO Card Crate 6U Demods Whitening AA	
7		
8–9	RF Distributor Amp	
10		
11	ADC Adapter	
12–18	EURO Card Crate 6U Demods Whitening / AA PD I/F	
19–23	EURO Card Crate 6U TT1/TT2/IPPOS	
24	DAC adapter	
25		
26	D092796 4ch demod	
27–28	ALS Delay Line Enclosure	
29	RF Helicoil/SMA feedthru 2	
30		
31	POP100 Filter Chain	
32		
33		
34	D050339 Delay Line	
35		
36		
37	8ch ISC Whitening	
38	D070081 AA (first 8ch only)	for ADC
39	Sorensen DCS33-33E 28V	28V 1.2A
40	Sorensen DCS33-33E 18V	18V 0.2A
41	BIO IDC adapter	for BO

1Y1

Slot	Module	Notes
1	Sorensen DCS33-33E 24V	1Y1- 1 Sorensen DCS33-33E 24V 0.0A
2	Sorensen DCS33-33E 15V	1Y1- 2 Sorensen DCS33-33E 15V 0.0A
3	Sorensen DCS33-33E 15V	1Y1- 3 Sorensen DCS33-33E 15V 0.0A
4	Sorensen DCS33-33E 12V	1Y1- 4 Sorensen DCS33-33E 12V 0.8A
5	Sorensen DCS33-33E 5V	1Y1- 5 Sorensen DCS33-33E 5V 0.0A
6		
7	Net-enabled Power Strip	1Y1- 7-8 Net-enabled power strip 192.168.113.112 (tbr vertex 4 chambers)
8–9		
10–16	VME Crate c1aux 8U	
17–18		
19–23	NI PXIe crate	
24–25		
26	New Realtime Host (temp.)	
27		
28	New Realtime Host (temp.)	
29		
30	New Realtime Host (temp.)	
31		
32	Quad3 (unused)	
33	Quad2	
34	Quad1	1Y1-31-34 video switches/quads Everfocus EP4CQ (quad3 is not used. The height can be reduced to 2U)
35–37	Video Matrix 5U	1Y1-34-39 video matrix (5U) 192.215.113.92 luciana
38		
39		
40		
41		

A.I.: recycle unused sorensens
A.I.: who is using +12V?
A.I.: remove iscaux
A.I.: remove NI crate
A.I.: remove Quad3