40m BHD Rack Layout
Ver 2023/9/5

1X9

1	Network Switch
2	
3	
4	EURO Card Crate 6U
5	
6	
7	
8	
9	DAC Adapter
10	ADC Adapter
11	
12	AA Chassis
13	AI Chassis
14	
15	
16	
17	c1iscex IO Chassis
18	
19	
20	
21	ITMX Sat Amp
22	
23	ITMX HV Driver
24	
25	
26	ITMX HAM-A Coil Driver1
27	ITMX HAM-A Coil Driver2
28	
29	Acromag Chassis c1exaux 4U
30	
31	
32	
33	Acromag Host c1auxex
34	BIO I/F
35	
36	Sorensen DCS33-33E 15V
37	Sorensen DCS33-33E 15V
38	Sorensen DCS33-33E 20V
39	Sorensen DCS33-33E 20V
40	Net-enabled Power Strip
41	

Low Profile Rack

	SR560
U PDH box	DS345

Under the rack

Matsusada

KEPCO HV 100V	HV 360V	HV 360V

1X7

1	Network Switch
2	Frequency Distribution Amp
3	
4	Chiara / UPS
5	
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7	
8	T240 I/F D1002694
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18	
19	GPS Receiver Tempus LX
20	Rails
21	PEM AA? 2U
22	
23	ADC adapter?
24	
25	
26	STS-2 I/F
27	
28	
29	
30	Optimus
31	
32	
33	
34	STS-2 I/F
35	
36	Electro Optical Link Fanout
37	
38	nodus
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1X6

1	VMIC RFM
2	
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7	
8	Network Switch
9	Timing Sequencer
10	
11	Timing Sequencer Related
12	
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14	
15	VME GPS / Timing
16	
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21	
22	
23	
24	FB1
25	
26	Megatron 4U
27	
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31	
32	old FB 4U
33	
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36	JetStor 3U
37	
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1X5

1	
2	AA Chassis (ADC2)
3	AI Chassis (DAC2)
4	
5	AA Chassis (ADC1)
6	AI Chassis (DAC1)
7	
8	D37 ADC Adapter
9	
10	AI Chassis (DAC0)
11	
12	BO I/F Chassis (BO1)
13	BO I/F Chassis (BO2)
14	
15	
16	
17	
18	
19	c1sus IO Chassis 4U
20	
21	
22	
23	
24	
25	
26	Acromag Chassis c1susaux 6U
27	
28	
29	
30	c1susaux
31	192.168.113.77
32	
33	
34	
35	
36	Sorensen DCS33-33E 15V
37	Sorensen DCS33-33E 15V
38	Sorensen DCS33-33E 18V
39	Sorensen DCS33-33E 18V
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1X4

1	
2	EURO Card Crate 6U Oplev
3	
4	
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6	
7	
8	SRM Sat Amp
9	
10	SRM HAM-A Coil Driver1
11	SRM HAM-A Coil Driver2
12	
13	MC2 Sat Amp
14	
15	MC2 HAM-A Coil Driver1
16	MC2 HAM-A Coil Driver2
17	
18	Vertex DAC Adapter
19	Sat Amp Adapter
20	
21	MC1 Sat Amp
22	
23	MC1 HAM-A Coil Driver1
24	MC1 HAM-A Coil Driver2
25	
26	MC3 Sat Amp
27	
28	MC3 HAM-A Coil Driver1
29	MC3 HAM-A Coil Driver2
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1X3

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8	PRM Sat Amp
9	
10	PRM HAM-A Coil Driver1
11	PRM HAM-A Coil Driver2
12	
13	BS Sat Amp
14	
15	BS HAM-A Coil Driver1
16	BS HAM-A Coil Driver2
17	
18	Vertex DAC Adapter
19	Sat Amp Adapter
20	
21	ITMX Sat Amp
22	
23	ITMX HV Driver
24	
25	
26	ITMX HAM-A Coil Driver1
27	ITMX HAM-A Coil Driver2
28	
29	ITMY Sat Amp
30	
31	ITMY HV Driver
32	
33	
34	ITMY HAM-A Coil Driver1
35	ITMY HAM-A Coil Driver2
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44	HV Supplies
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1X3B

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1X2

1	Network Switch
2	Acromag Host c1psl
3	
4	D092796 4ch demod
5	
6	Freq Generation Unit T1000461
7	MC RF Amp 2U (ELOG12861)
8	LSC Freq Distribution
9	
10	8ch ISC Whitening
11	
12	AA D990147-B
13	
14	
15	EURO Card Crate 6U WFS IF/WFS Wht MC Demod/Servo
16	
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26	
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31	AI D1101521
32	BIO Adapter
33	ADC Adapter
34	
35	aLIGO WFS I/F
36	
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1X1

1	Guralp I/F D060506
2	Sorensen DCS33-33E 5V
3	Sorensen DCS33-33E 24V
4	Sorensen DCS33-33E 24V
5	Sorensen DCS33-33E 15V
6	Sorensen DCS33-33E 15V
7	Sorensen DCS33-33E 10V
8	Sorensen DCS33-33E 5V
9	
10	KEPCO HV PCX 200-0.1MAT x4
11	
12	
13	Ref Cav Heater Power Supply
14	
15	FSS Ref
16	
17	
18	
19	c1ioo IO Chassis
20	
21	
22	
23	
24	EURO Card Crate 6U TTFSS PMC Ref PMC Servo
25	
26	
27	
28	
29	
30	Blank / Strain Relief
31	
32	
33	
34	Acromag Chassis c1psl 6U
35	
36	
37	
38	
39	
40	Blank / Strain Relief
41	

1Y4

1	Network Switch
2	
3	
4	EURO Card Crate 6U
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9	
10	DAC Adapter
11	ADC Adapter
12	
13	AA Chassis
14	AI Chassis
15	
16	
17	
18	c1iscey IO Chassis
19	
20	
21	
22	
23	ITMX Sat Amp
24	
25	ITMX HV Driver
26	
27	
28	ITMX HAM-A Coil Driver1
29	ITMX HAM-A Coil Driver2
30	BIO I/F
31	
32	Acromag Host c1auxex
33	
34	Acromag Chassis c1exaux 4U
35	
36	
37	Sorensen DCS33-33E 15V
38	Sorensen DCS33-33E 15V
39	Sorensen DCS33-33E 20V
40	Sorensen DCS33-33E 20V
41	Net-enabled Power Strip

Under the rack

Matsusada

KEPCO HV 100V	HV 360V	HV 360V

Low Profile Rack

	SR560
U PDH box	DS345

1Y3

1	Net Switch DAQ (unused)
2	Network Switch Martian
3	
4	
5	Acromag Host c1iscaux
6	Acromag Chassis c1iscaux 6U
7	
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9	
10	
11	
12	PZT Driver
13	PZT Driver
14	BHD Adapter
15	
16	8ch ISC Whitening
17	Dual QPD Trans Imp Amp
18	
19	8ch ISC Whitening
20	Dual QPD Trans Imp Amp
21	
22	c1lsc IO Chassis
23	
24	
25	
26	
27	AA Chassis
28	AI Chassis
29	
30	
31	
32	
33	
34	c1bhd IO Chassis
35	
36	
37	
38	
39	Sorensen DCS33-33E 15V
40	Sorensen DCS33-33E 18V
41	

1Y2

1	RF Helicoil/SMA feedthru 1
2	
3	EURO Card Crate 6U Demods Whitening AA
4	
5	
6	
7	
8	RF Distributor Amp
9	
10	ADC Adapter
11	
12	EURO Card Crate 6U Demods Whitening / AA PD I/F
13	
14	
15	
16	
17	
18	TT1/TT2 Sat Amp
19	
20	TT1 Coil Driver
21	
22	TT2 Coil Driver
23	
24	DAC adapter
25	
26	D092796 4ch demod
27	
28	ALS Delay Line Enclosure
29	
30	RF Helicoil/SMA feedthru 2
31	POP100 Filter Chain
32	
33	
34	D050339 Delay Line
35	
36	
37	8ch ISC Whitening
38	D070081 AA (first 8ch only)
39	Sorensen DCS33-33E 28V
40	
41	BIO IDC adapter

1Y1

1	SR2 Sat Amp
2	
3	SR2 HAM-A Coil Driver1
4	SR2 HAM-A Coil Driver2
5	
6	PR2 Sat Amp
7	
8	PR2 HAM-A Coil Driver1
9	PR2 HAM-A Coil Driver2
10	
11	Vertex DAC Adapter
12	Sat Amp Adapter
13	
14	PR3 Sat Amp
15	
16	PR3 HAM-A Coil Driver1
17	PR3 HAM-A Coil Driver2
18	
19	AA Chassis
20	AI Chassis
21	
22	AA Chassis
23	AI Chassis
24	AI Chassis
25	
26	c1sus2 IO Chassis
27	
28	
29	
30	
31	
32	
33	Quad2
34	Quad1
35	Video Matrix 5U
36	
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1Y0

1	Sorensen DCS33-33E 18V
2	Sorensen DCS33-33E 18V
3	
4	LO1 Sat Amp
5	
6	LO1 HAM-A Coil Driver1
7	LO1 HAM-A Coil Driver2
8	
9	LO2 Sat Amp
10	
11	LO2 HAM-A Coil Driver1
12	LO2 HAM-A Coil Driver2
13	
14	Vertex DAC Adapter
15	Sat Amp Adapter
16	
17	AS1 Sat Amp
18	
19	AS1 HAM-A Coil Driver1
20	AS1 HAM-A Coil Driver2
21	
22	MC3 Sat Amp
23	
24	AS4 HAM-A Coil Driver1
25	AS4 HAM-A Coil Driver2
26	
27	4ch DCPD Amp
28	
29	
30	DCPD Whitening Amp
31	BO I/F Chassis
32	BO I/F Chassis
33	
34	Acromag Host c1susaux2
35	
36	
37	Acromag Chassis c1susaux2 6U
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44	
45	Sorensen DCS33-33E 24V