

# H1 Squeezer Rack Layout

D1000802-v2

Rack 1 SHG/coherent locking

Rack 2 Laser/OPO/LO

44	Monitor 1
43	***
42	***
41	***
40	***
39	***
38	***
37	
36	N-Panel
35	
34	
33	
32	RF amplifier: Sqz Angle (2x29MHz)
31	***
30	RF amplifier: SHG
29	***
28	Dual Delay: SHG/SQZ
27	Dual Demodulator: SHG/SQZ
26	
25	
24	TNC-panel
23	CM Servo: SHG
22	CM Servo: SQZ
21	
20	Break-out
19	***
18	
17	Temperature controllers
16	***
15	
14	Trek PZT Driver: LO/SQZ
13	***
12	Kepeco: +/-180V
11	***
10	***
9	
8	Laser power supply
7	***
6	***
5	
4	Soerenson: +17V
3	Soerenson: -17V
2	Soerenson: +24V
1	Soerenson: -24V

44	Monitor 2
43	***
42	***
41	***
40	***
39	***
38	***
37	
36	N-panel
35	RF Osc: 35.5MHz/79MHz/29.5MHz
34	RF amplifier: Fiber/OPO/79MHz
33	***
32	RF amplifier: Aux. Laser/29.5MHz
31	***
30	Dual Delay: LO/HOM
29	Dual Delay: OPO/Align
28	Dual Demodulator: LO/HOM
27	Dual Demodulator: OPO/Align
26	
25	
24	TNC-panel
23	CM Servo: LO
22	CM Servo: OPO
21	
20	FSS Interface: Laser 1
19	FSS Interface: Laser 2
18	PD Interface
17	Alignmemt PZT Driver
16	***
15	***
14	Trek PZT Driver: SHG/OPO
13	***
12	
11	Beckhoff Interface 1
10	***
9	***
8	
7	Beckhoff Interface 2
6	***
5	***
4	
3	Beckhoff Interface 3
2	***
1	***