

Risk Description	Prob. (%)	Cost (M\$)	Time (mo)	BNS (% Range)	BBH (% Range)	Total Severity
Gravity Gradients	75	0.3	5	10	90	41.6
Thermal Distortion destabilizes	60	0.5	18	30	50	145.8
OMC PZT noise	15	0.1	2	5	5	0.6
LSC Aux noise	25	0.0	3	15	15	4.4
ASC feedback noise	65	0.0	6	5	90	37.4
Beamtube Backscatter	33	0.2	5	3	65	11.1
SRC Mode Healing - Harming	50	0.5	6	40	5	37.4
BS clipping - contrast defect	90	0.4	6	33	3	54.9
ETM Charge fluctuations	50	0.2	4	15	40	16.2
Parametric Instabilities	70	0.2	4	40	5	34.9
Suspension crackle	25	0.3	7	5	50	10.5
Coating thermal noise anomaly	20	0.8	8	30	3	14.8
OMC backscatter	55	0.1	3	10	2	5.2
Vac Chamber Acoustics	70	0.1	2	10	3	4.6
Residual Gas	40	0.6	4	30	5	15.1
Bounce/Roll modes	80	0.2	3	20	95	34.9
Violin Modes	35	0.2	3	80	10	26.1
Control system instability	10	0.0	3	100	100	11.7